

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112024\  
 Data File : VY020350.D  
 Acq On : 20 Nov 2024 11:16  
 Operator : SY/MD  
 Sample : VY1120SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 21 00:44:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 195666   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.615  | 114  | 326538   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 274213   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 129733   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 118185   | 52.574   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.140% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 103594   | 49.475   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 98.960%  |      |
| 50) Toluene-d8              | 10.109 | 98    | 417433   | 50.609   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 101.220% |      |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 141836   | 53.493   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 106.980% |      |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        | Qvalue  |        |    |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 43471  | 22.889  | ug/l   | 99 |
| 3) Chloromethane             | 2.074 | 50  | 45425  | 15.032  | ug/l   | 97 |
| 4) Vinyl Chloride            | 2.208 | 62  | 42646  | 16.367  | ug/l   | 98 |
| 5) Bromomethane              | 2.598 | 94  | 23830  | 18.313  | ug/l   | 98 |
| 6) Chloroethane              | 2.738 | 64  | 26765  | 17.609  | ug/l   | 97 |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 70870  | 19.573  | ug/l   | 99 |
| 8) Diethyl Ether             | 3.458 | 74  | 20790  | 18.198  | ug/l   | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 41054  | 19.039  | ug/l   | 98 |
| 10) Methyl Iodide            | 4.013 | 142 | 54151  | 18.748  | ug/l   | 96 |
| 11) Tert butyl alcohol       | 4.866 | 59  | 15973  | 91.038  | ug/l # | 89 |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 39521  | 18.516  | ug/l   | 99 |
| 13) Acrolein                 | 3.653 | 56  | 16943  | 121.719 | ug/l   | 98 |
| 14) Allyl chloride           | 4.391 | 41  | 76693  | 18.581  | ug/l   | 93 |
| 15) Acrylonitrile            | 5.061 | 53  | 47113  | 93.292  | ug/l   | 98 |
| 16) Acetone                  | 3.866 | 43  | 50611  | 93.914  | ug/l   | 91 |
| 17) Carbon Disulfide         | 4.110 | 76  | 128572 | 17.879  | ug/l   | 98 |
| 18) Methyl Acetate           | 4.391 | 43  | 22856  | 18.195  | ug/l   | 98 |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 104484 | 18.844  | ug/l   | 94 |
| 20) Methylene Chloride       | 4.622 | 84  | 42237  | 18.508  | ug/l   | 96 |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 44087  | 18.597  | ug/l   | 89 |
| 22) Diisopropyl ether        | 6.024 | 45  | 150608 | 18.516  | ug/l   | 98 |
| 23) Vinyl Acetate            | 5.963 | 43  | 429084 | 94.395  | ug/l   | 97 |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 85440  | 18.606  | ug/l   | 99 |
| 25) 2-Butanone               | 6.896 | 43  | 68242  | 98.362  | ug/l   | 99 |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 75785  | 19.968  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 50870  | 19.482  | ug/l   | 97 |
| 28) Bromochloromethane       | 7.250 | 49  | 35336  | 18.284  | ug/l   | 97 |
| 29) Tetrahydrofuran          | 7.262 | 42  | 41448  | 99.957  | ug/l   | 97 |
| 30) Chloroform               | 7.421 | 83  | 85004  | 19.170  | ug/l   | 98 |
| 31) Cyclohexane              | 7.701 | 56  | 81044  | 19.340  | ug/l   | 96 |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 78093  | 20.057  | ug/l   | 98 |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 63425  | 19.832  | ug/l   | 99 |
| 37) Ethyl Acetate            | 6.988 | 43  | 29280  | 19.986  | ug/l   | 99 |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 71177  | 21.316  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.109 | 83  | 80338  | 20.072  | ug/l   | 94 |
| 40) Benzene                  | 8.079 | 78  | 188031 | 20.063  | ug/l   | 98 |

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 Operator : SY/MD  
 Sample : VY1120SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 21 00:44:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.225  | 41   | 13720    | 16.459  | ug/l   | 87       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 51933    | 20.529  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 57248    | 20.094  | ug/l   | 100      |
| 44) Trichloroethene           | 8.865  | 130  | 43977    | 19.805  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 44975    | 20.113  | ug/l   | 98       |
| 46) Dibromomethane            | 9.231  | 93   | 22762    | 19.861  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.420  | 83   | 63267    | 19.997  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 27505    | 20.193  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 5134     | 435.417 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 145460   | 100.606 | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 115651   | 20.189  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 57845    | 19.334  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 69495    | 20.292  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 29785    | 19.579  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 44786    | 19.603  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 54285    | 19.855  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 109898   | 101.445 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.761 | 43   | 105773   | 103.314 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.908 | 129  | 39174    | 19.978  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.011 | 107  | 26686    | 18.930  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.646 | 164  | 37738    | 19.092  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.444 | 112  | 118624   | 19.402  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 40072    | 19.620  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.517 | 91   | 224615   | 19.914  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 165182   | 40.656  | ug/l   | 99       |
| 69) o-Xylene                  | 11.956 | 106  | 77083    | 20.003  | ug/l   | 97       |
| 70) Styrene                   | 11.969 | 104  | 128989   | 20.147  | ug/l   | 98       |
| 71) Bromoform                 | 12.133 | 173  | 21992    | 20.660  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.255 | 105  | 210238   | 19.130  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 51230    | 19.290  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 33065    | 18.616  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 45487    | 37.200  | ug/l # | 100      |
| 77) Bromobenzene              | 12.529 | 156  | 44178    | 19.187  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.596 | 91   | 256400   | 19.440  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 145308   | 19.161  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 172392   | 19.410  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 11878    | 19.034  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 150847   | 19.274  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 152332   | 19.435  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.041 | 105  | 172357   | 19.574  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 222259   | 17.987  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 187870   | 19.664  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 87420    | 18.777  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 86465    | 19.438  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.621 | 91   | 177016   | 19.348  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 34676    | 18.805  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 76216    | 19.649  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 5362     | 18.397  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 14.925 | 180  | 46584    | 19.862  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.029 | 225  | 29622    | 20.691  | ug/l   | 100      |
| 95) Naphthalene               | 15.145 | 128  | 81079    | 20.073  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 39070    | 19.483  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112024\  
Data File : VY020350.D  
Acq On : 20 Nov 2024 11:16  
Operator : SY/MD  
Sample : VY1120SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Nov 21 00:44:07 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 20 04:38:24 2024  
Response via : Initial Calibration

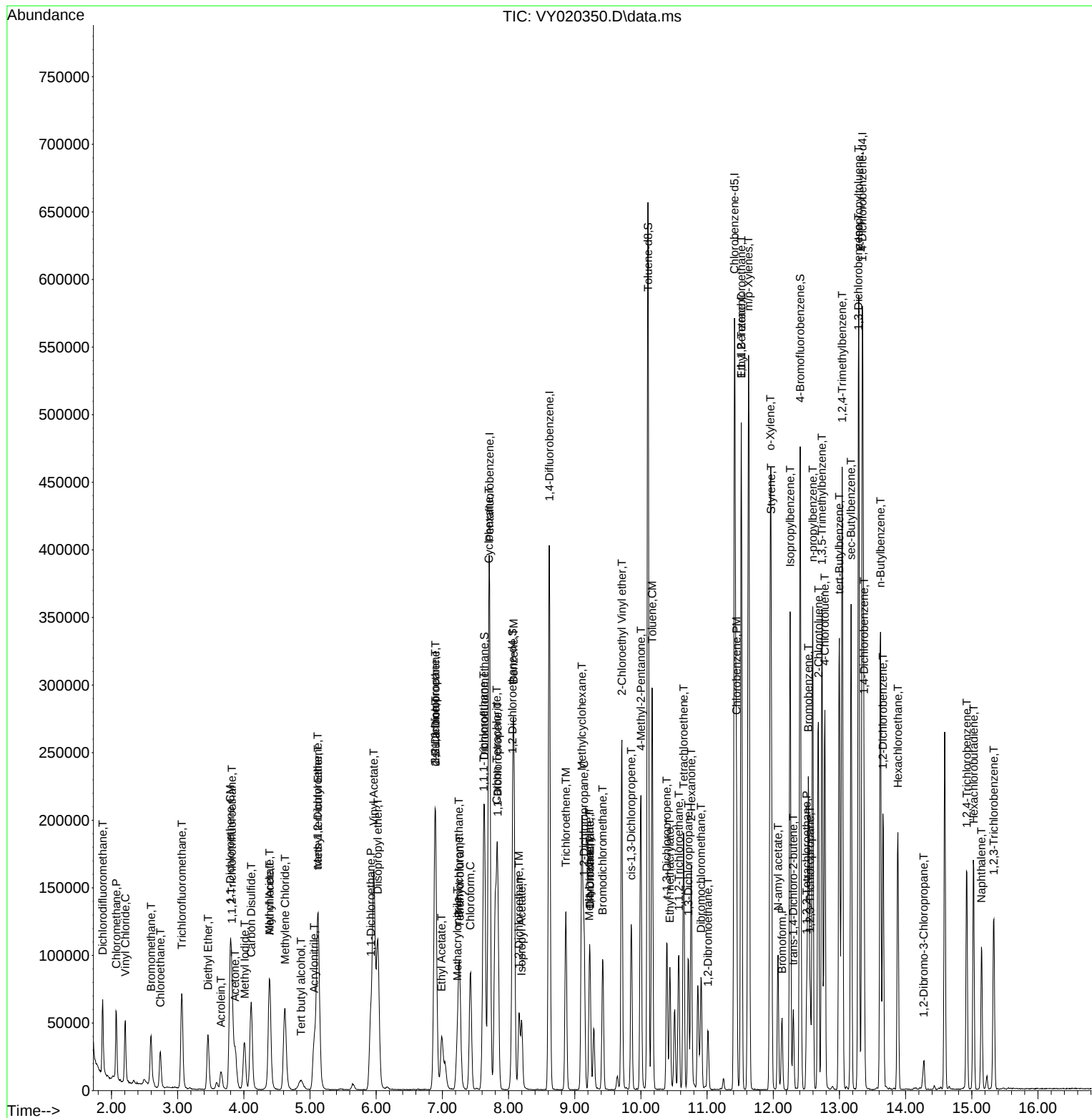
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

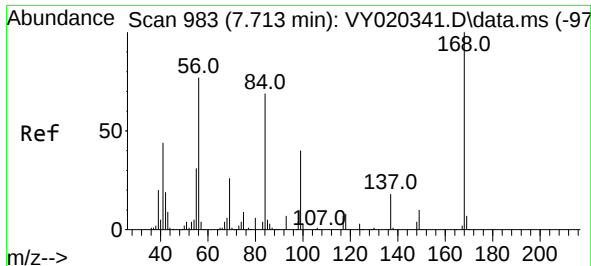
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112024\  
 Data File : VY020350.D  
 Acq On : 20 Nov 2024 11:16  
 Operator : SY/MD  
 Sample : VY1120SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

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 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

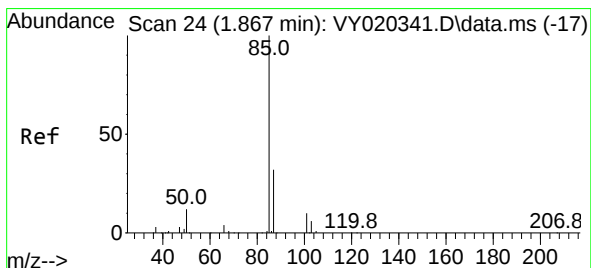
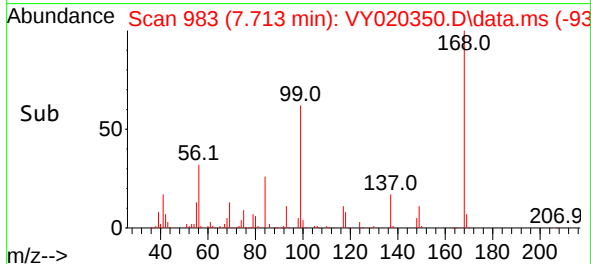
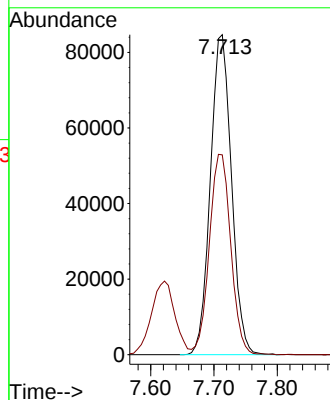
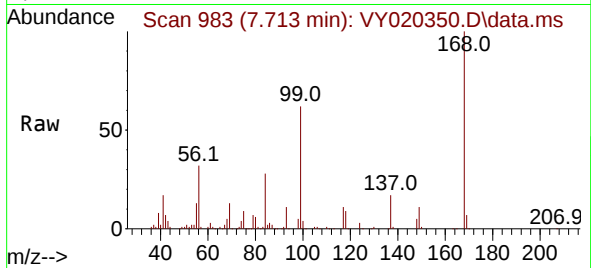




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

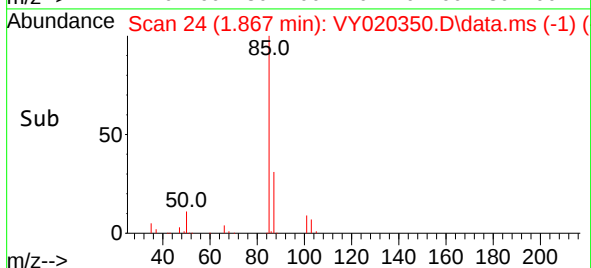
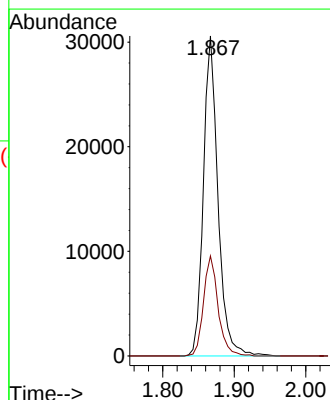
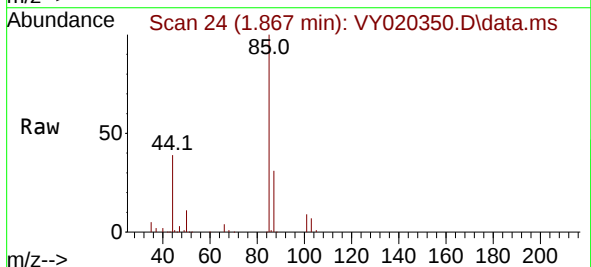
Instrument :  
MSVOA\_Y  
ClientSampleId :

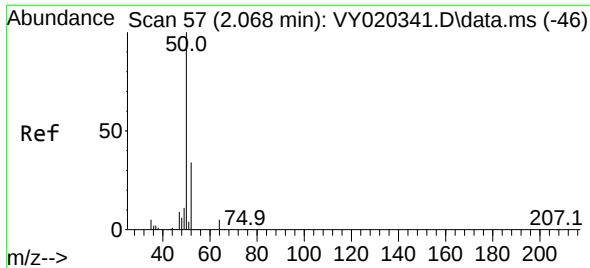
Tgt Ion:168 Resp: 195666  
Ion Ratio Lower Upper  
168 100  
99 62.4 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 22.889 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 85 Resp: 43471  
Ion Ratio Lower Upper  
85 100  
87 31.3 16.1 48.2

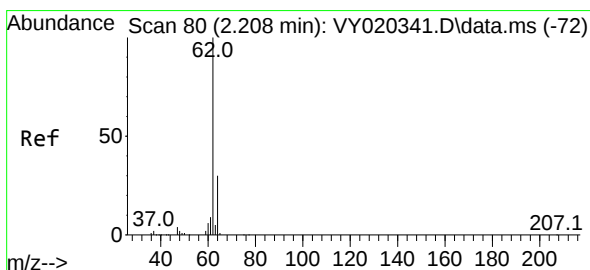
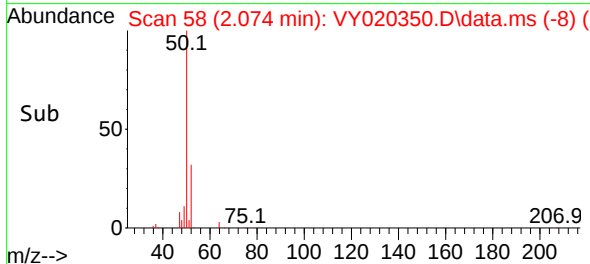
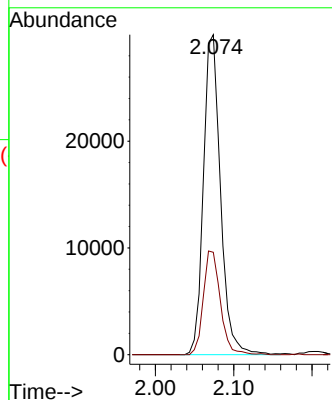
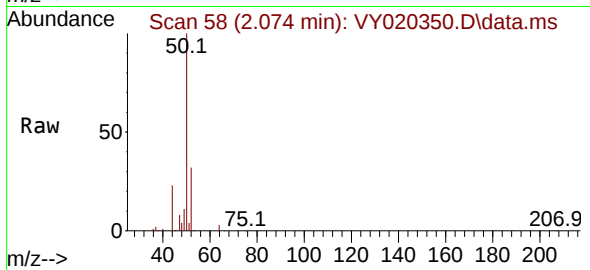




#3  
Chloromethane  
Concen: 15.032 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

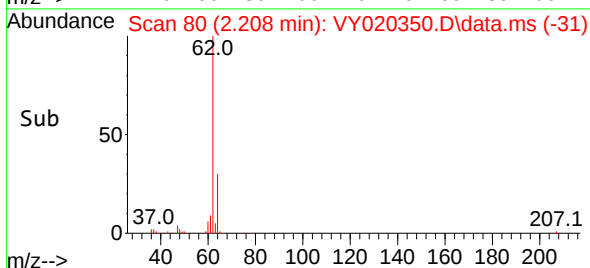
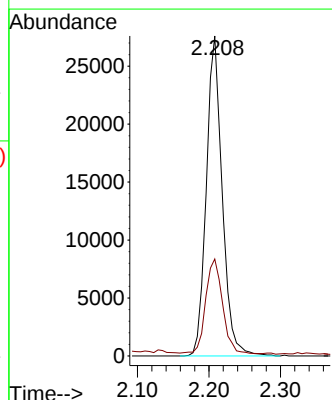
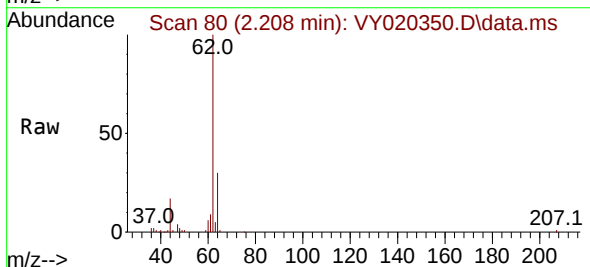
Instrument :  
MSVOA\_Y  
ClientSampleId :

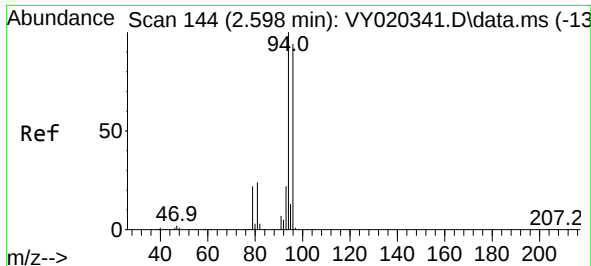
Tgt Ion: 50 Resp: 45425  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.9 40.3



#4  
Vinyl Chloride  
Concen: 16.367 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 62 Resp: 42646  
Ion Ratio Lower Upper  
62 100  
64 29.7 24.7 37.1

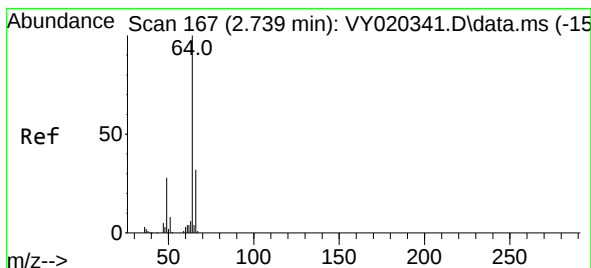
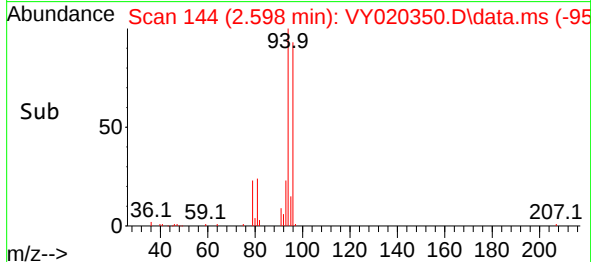
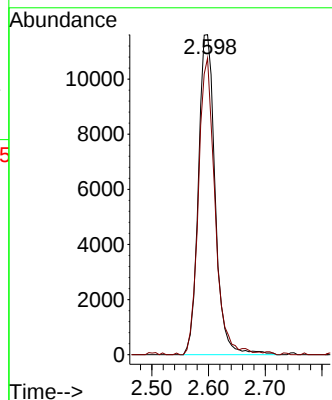
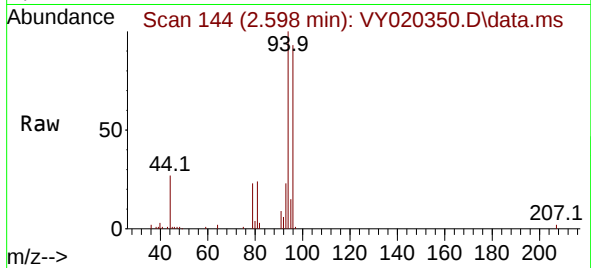




#5  
Bromomethane  
Concen: 18.313 ug/l  
RT: 2.598 min Scan# 144  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

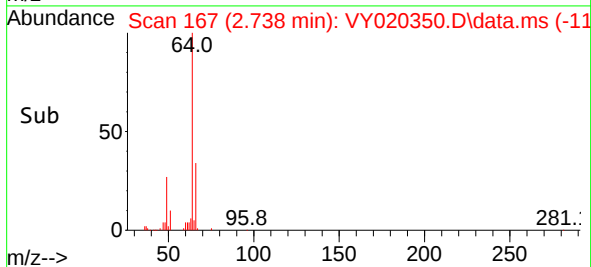
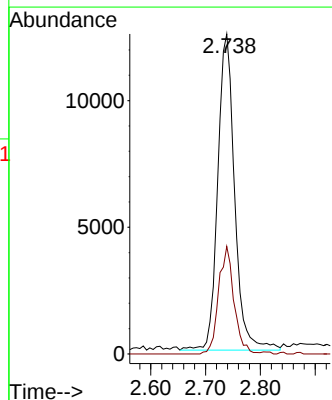
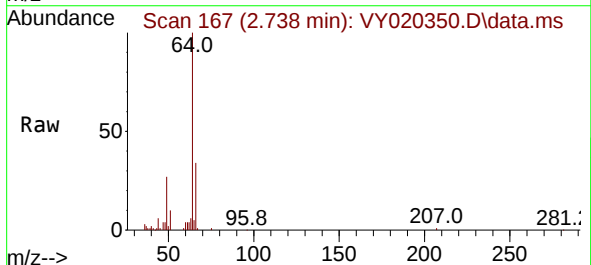
Instrument :  
MSVOA\_Y  
ClientSampleId :

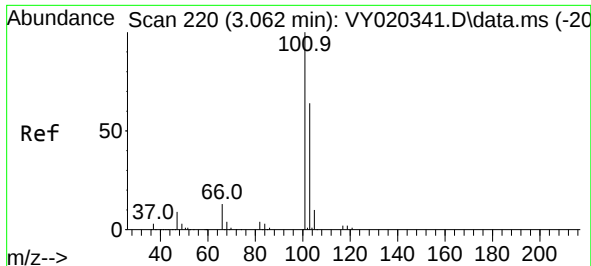
Tgt Ion: 94 Resp: 23830  
Ion Ratio Lower Upper  
94 100  
96 92.6 75.4 113.2



#6  
Chloroethane  
Concen: 17.609 ug/l  
RT: 2.738 min Scan# 167  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 64 Resp: 26765  
Ion Ratio Lower Upper  
64 100  
66 34.0 25.7 38.5

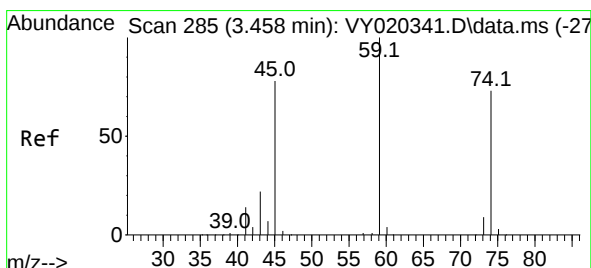
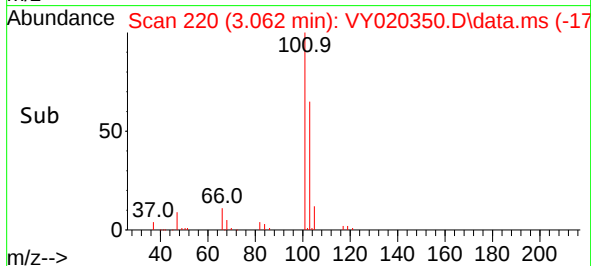
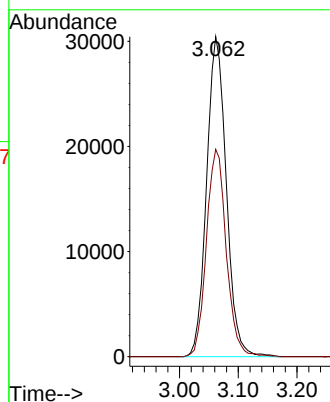
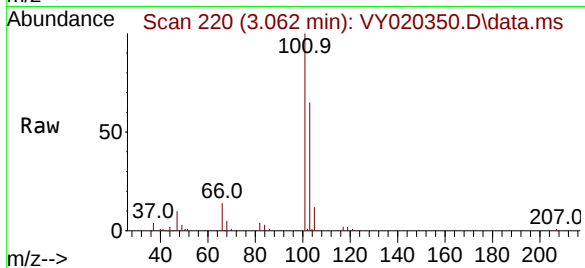




#7  
Trichlorofluoromethane  
Concen: 19.573 ug/l  
RT: 3.062 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

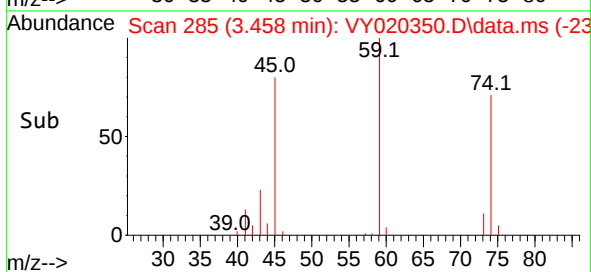
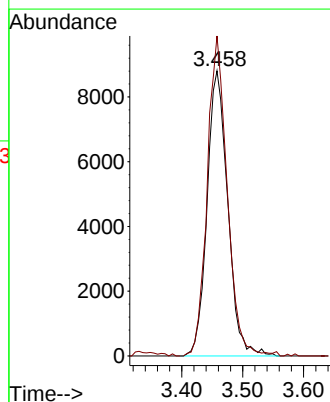
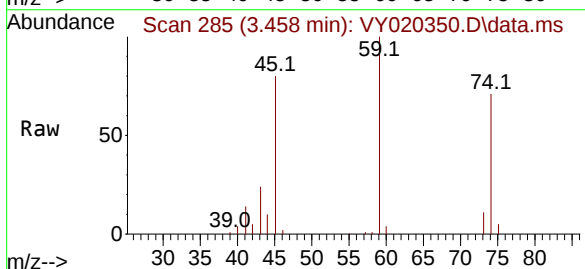
Instrument :  
MSVOA\_Y  
ClientSampleId :

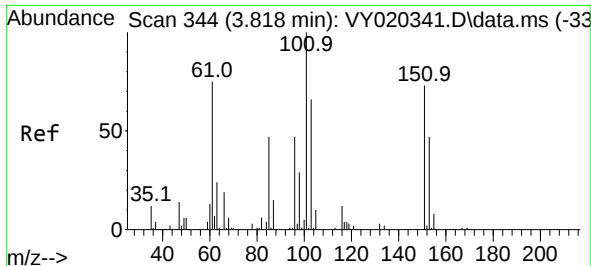
Tgt Ion:101 Resp: 70870  
Ion Ratio Lower Upper  
101 100  
103 64.8 51.5 77.3



#8  
Diethyl Ether  
Concen: 18.198 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 74 Resp: 20790  
Ion Ratio Lower Upper  
74 100  
45 108.4 53.6 160.8

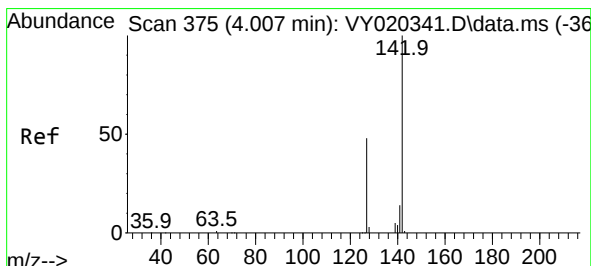
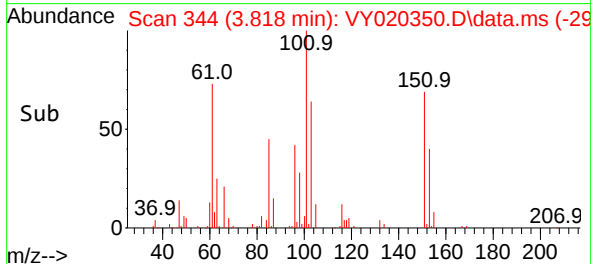
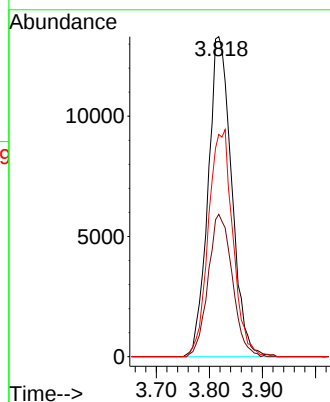
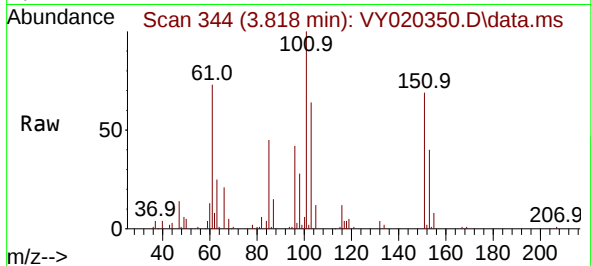




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.039 ug/l  
RT: 3.818 min Scan# 344  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

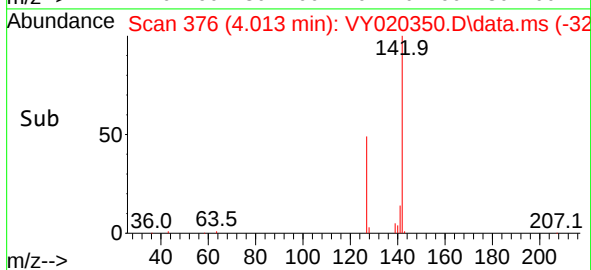
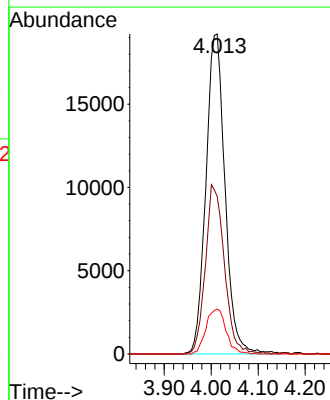
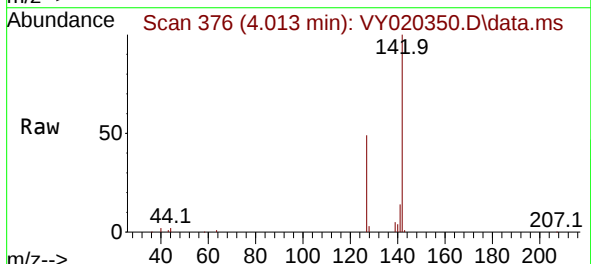
Instrument :  
MSVOA\_Y  
ClientSampleId :

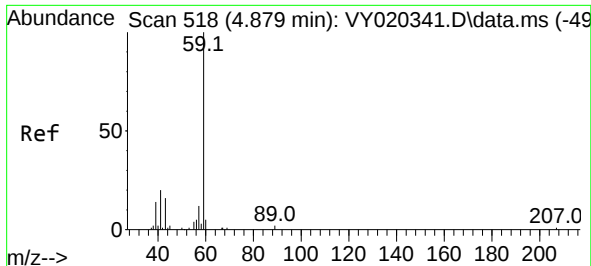
Tgt Ion:101 Resp: 41054  
Ion Ratio Lower Upper  
101 100  
85 45.6 38.0 57.0  
151 73.6 59.6 89.4



#10  
Methyl Iodide  
Concen: 18.748 ug/l  
RT: 4.013 min Scan# 376  
Delta R.T. 0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion:142 Resp: 54151  
Ion Ratio Lower Upper  
142 100  
127 52.4 38.9 58.3  
141 14.8 11.7 17.5

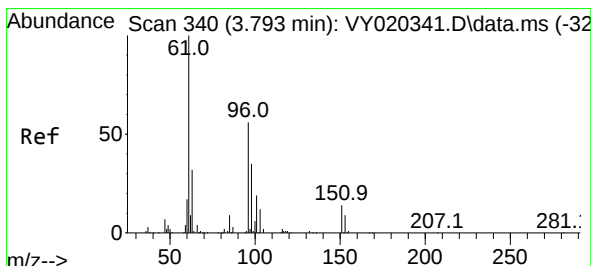
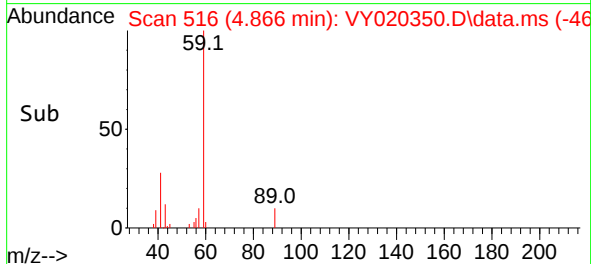
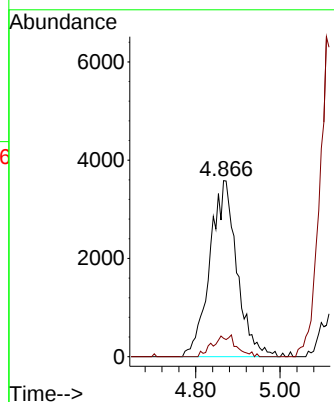
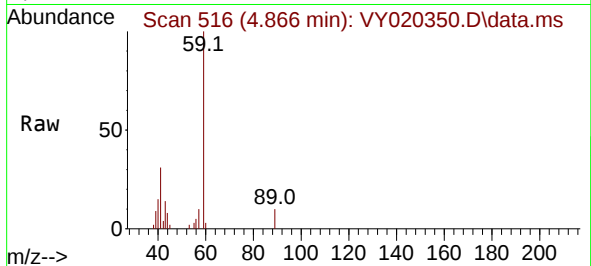




#11  
Tert butyl alcohol  
Concen: 91.038 ug/l  
RT: 4.866 min Scan# 518  
Delta R.T. -0.012 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

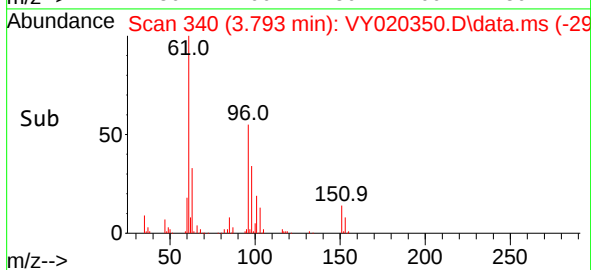
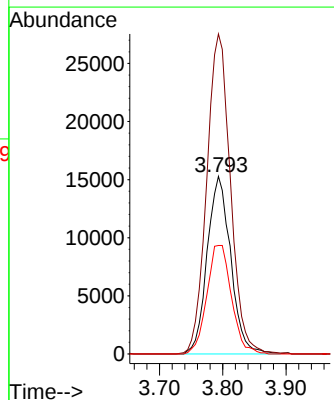
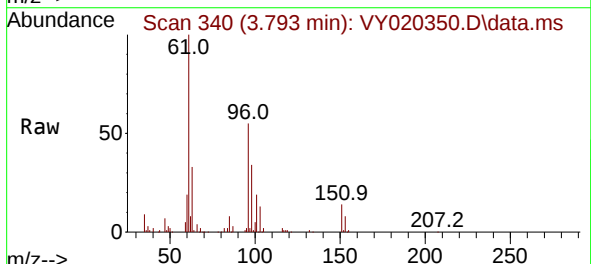
Instrument :  
MSVOA\_Y  
ClientSampleId :

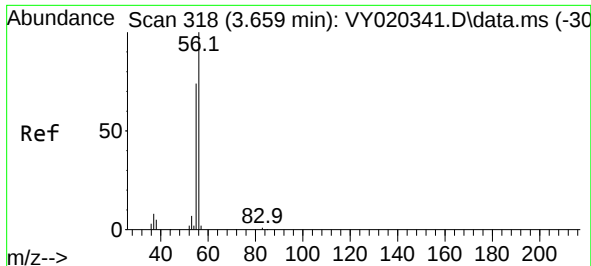
Tgt Ion: 59 Resp: 15973  
Ion Ratio Lower Upper  
59 100  
57 6.2 8.2 12.2#



#12  
1,1-Dichloroethene  
Concen: 18.516 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 96 Resp: 39521  
Ion Ratio Lower Upper  
96 100  
61 179.8 143.3 214.9  
98 61.1 49.8 74.8

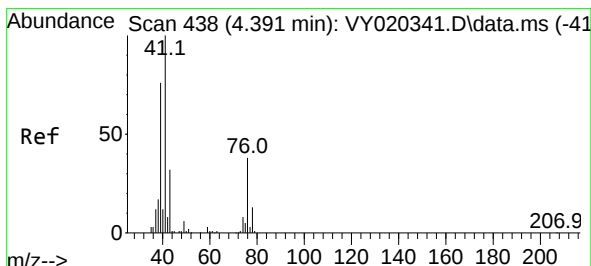
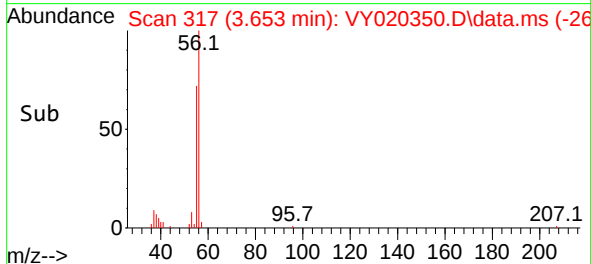
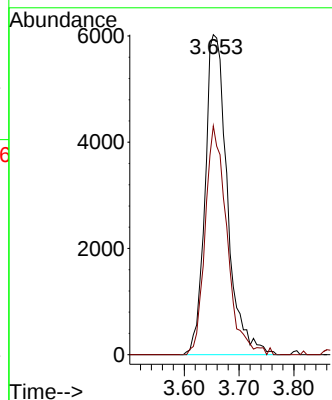
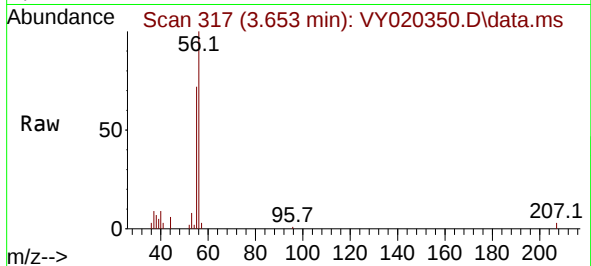




#13  
Acrolein  
Concen: 121.719 ug/l  
RT: 3.653 min Scan# 318  
Delta R.T. -0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

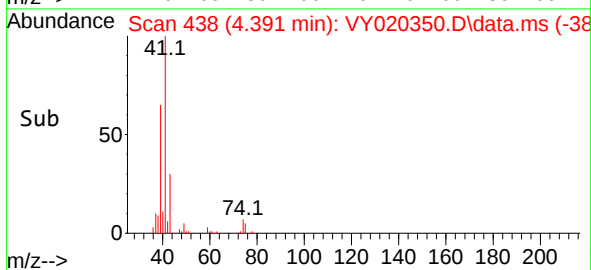
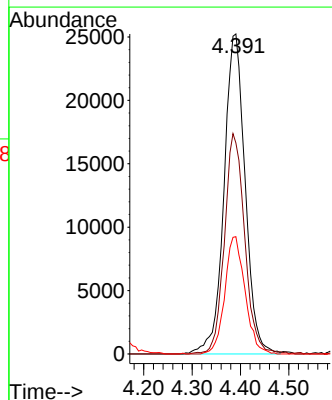
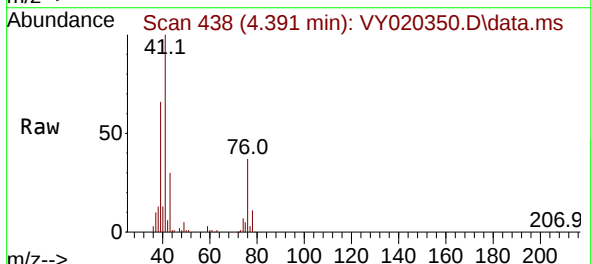
Instrument :  
MSVOA\_Y  
ClientSampleId :

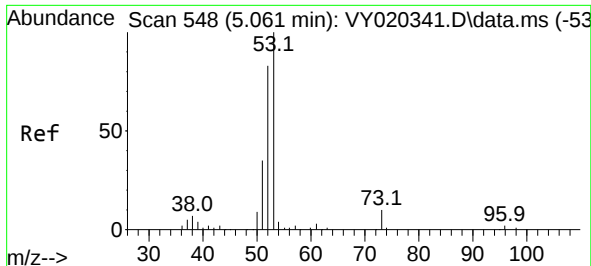
Tgt Ion: 56 Resp: 16943  
Ion Ratio Lower Upper  
56 100  
55 70.0 57.7 86.5



#14  
Allyl chloride  
Concen: 18.581 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

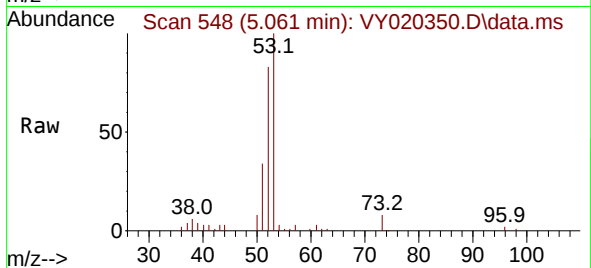
Tgt Ion: 41 Resp: 76693  
Ion Ratio Lower Upper  
41 100  
39 66.1 58.8 88.2  
76 35.1 29.7 44.5



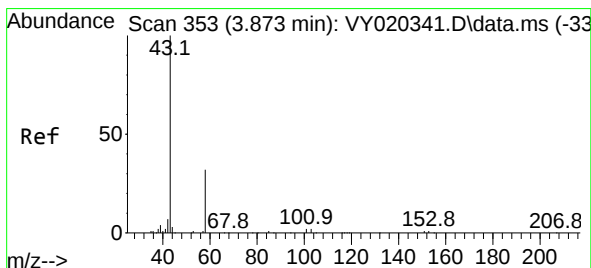
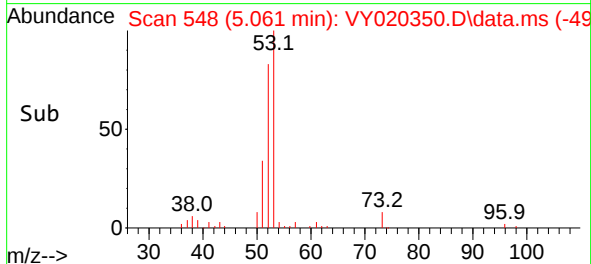
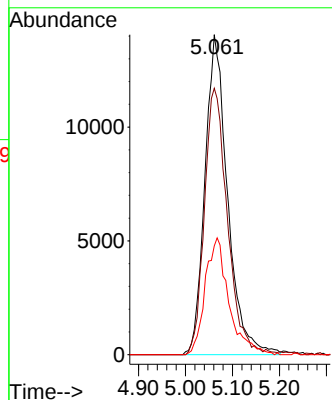


#15  
Acrylonitrile  
Concen: 93.292 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Instrument :  
MSVOA\_Y  
ClientSampleId :

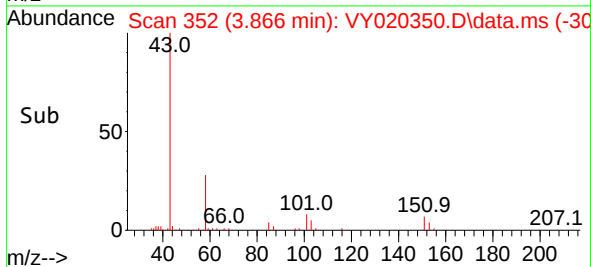
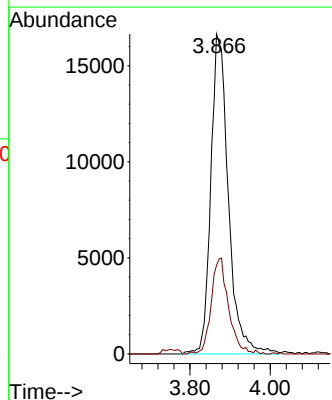
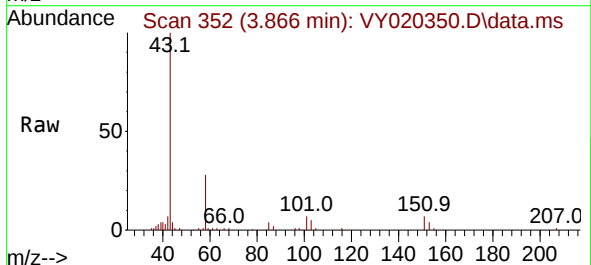


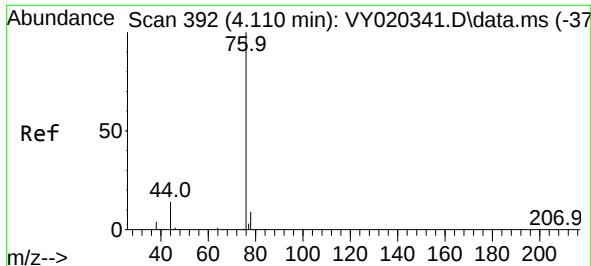
Tgt Ion: 53 Resp: 47113  
Ion Ratio Lower Upper  
53 100  
52 84.0 65.2 97.8  
51 38.3 30.2 45.4



#16  
Acetone  
Concen: 93.914 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 43 Resp: 50611  
Ion Ratio Lower Upper  
43 100  
58 27.2 25.7 38.5

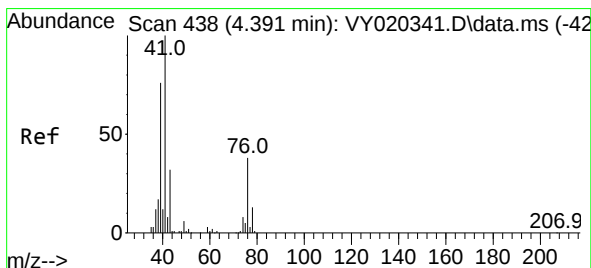
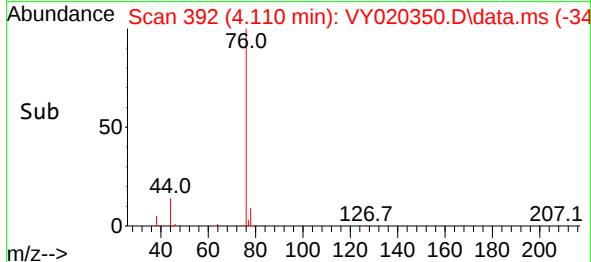
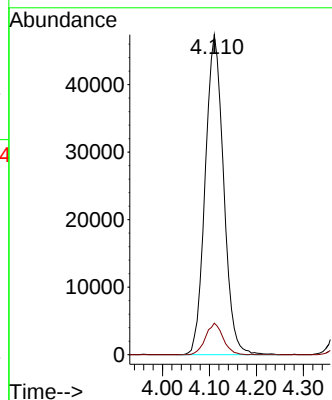
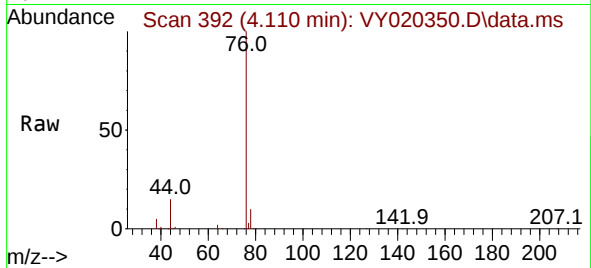




#17  
Carbon Disulfide  
Concen: 17.879 ug/l  
RT: 4.110 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

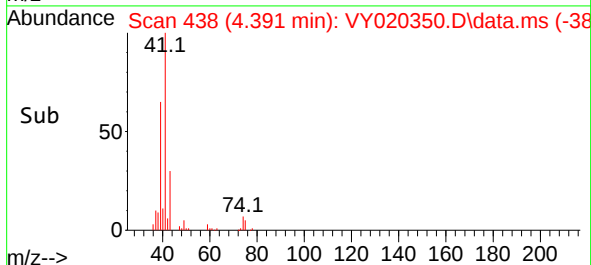
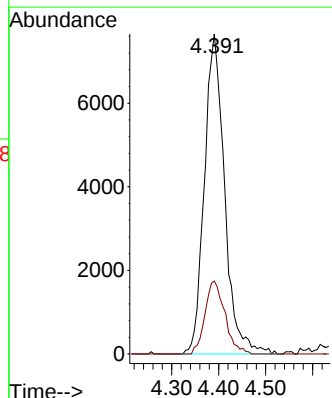
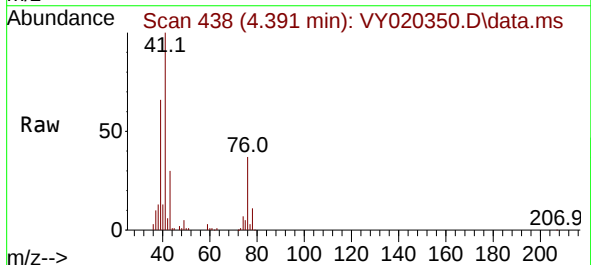
Instrument :  
MSVOA\_Y  
ClientSampleId :

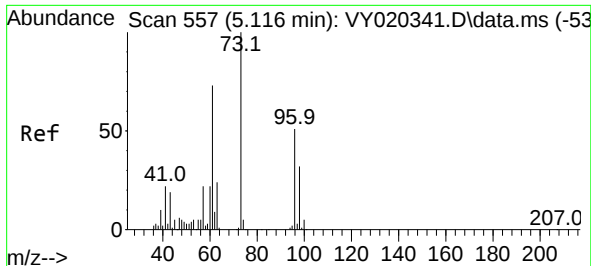
Tgt Ion: 76 Resp: 128572  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.3 10.9



#18  
Methyl Acetate  
Concen: 18.195 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 43 Resp: 22856  
Ion Ratio Lower Upper  
43 100  
74 22.4 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 18.844 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

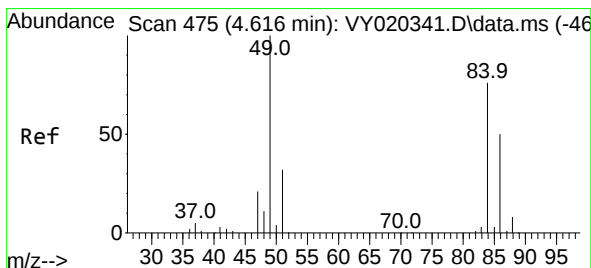
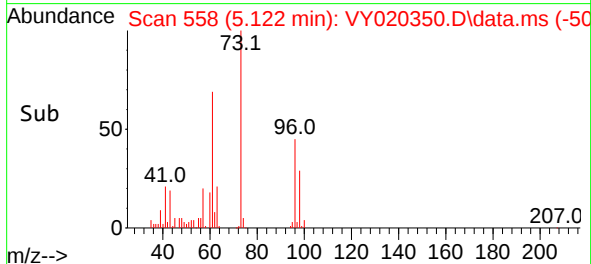
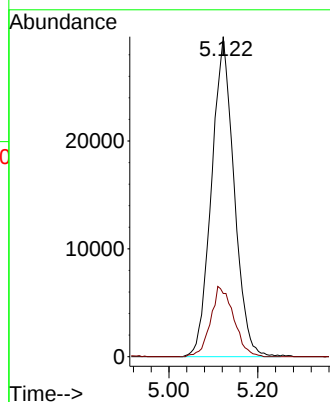
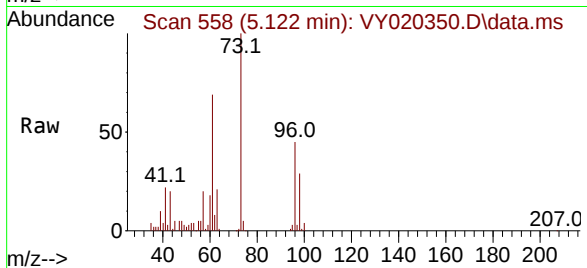
ClientSampleId :

Tgt Ion: 73 Resp: 104484

Ion Ratio Lower Upper

73 100

57 19.7 18.0 27.0



#20

Methylene Chloride

Concen: 18.508 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Tgt Ion: 84 Resp: 42237

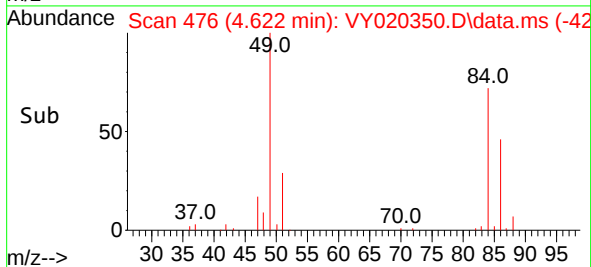
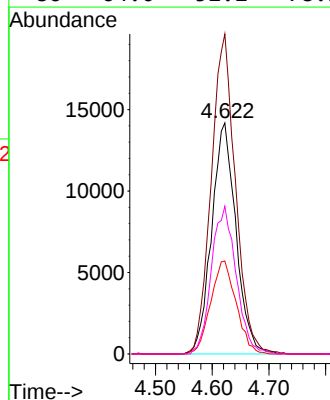
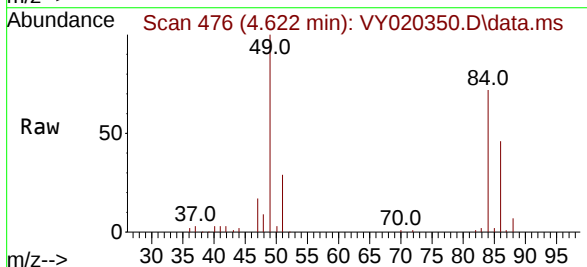
Ion Ratio Lower Upper

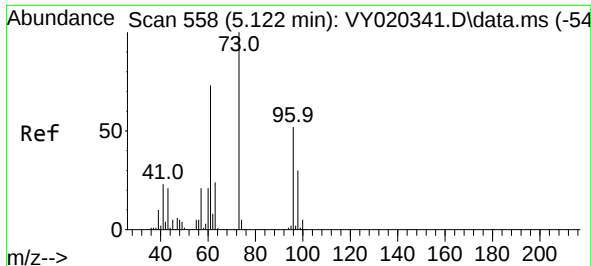
84 100

49 138.5 104.7 157.1

51 40.2 33.4 50.0

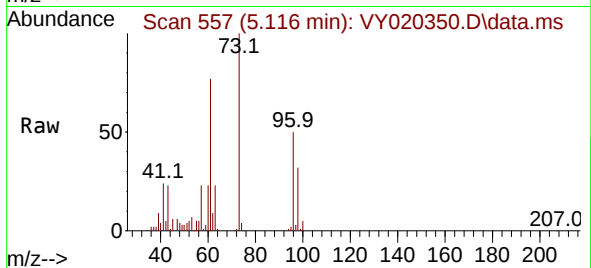
86 64.0 52.2 78.2



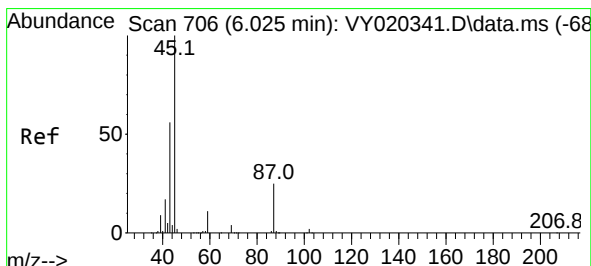
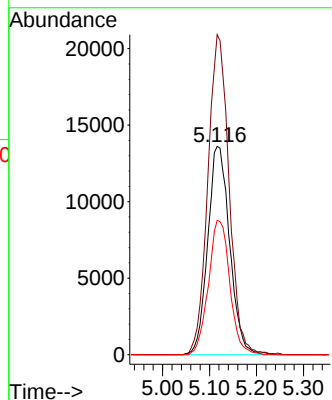
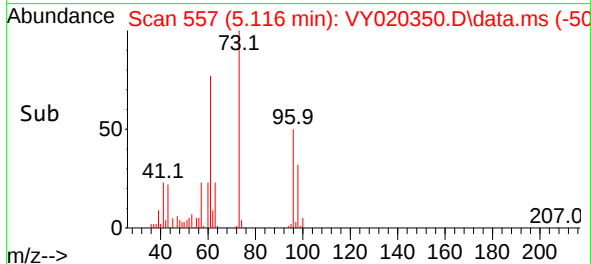


#21  
trans-1,2-Dichloroethene  
Concen: 18.597 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Instrument :  
MSVOA\_Y  
ClientSampleId :

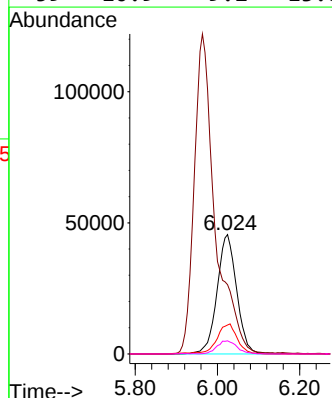
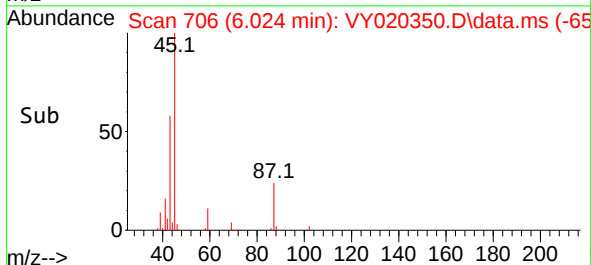
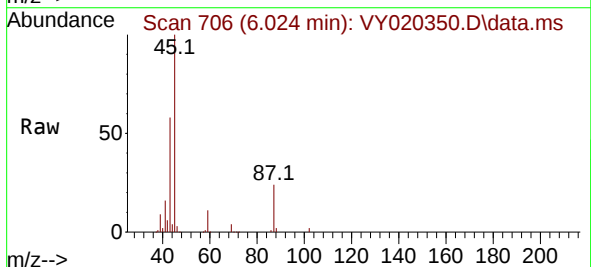


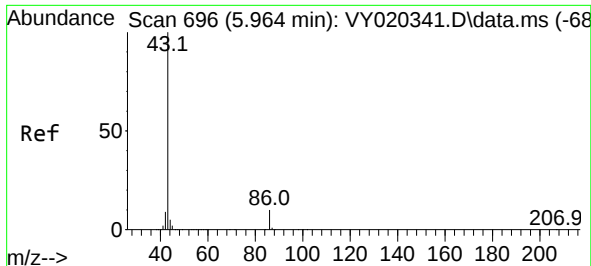
Tgt Ion: 96 Resp: 44087  
Ion Ratio Lower Upper  
96 100  
61 153.6 111.6 167.4  
98 64.5 46.7 70.1



#22  
Diisopropyl ether  
Concen: 18.516 ug/l  
RT: 6.024 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

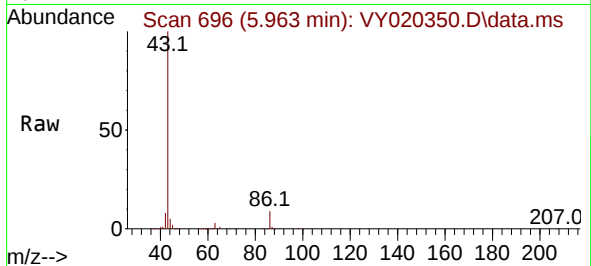
Tgt Ion: 45 Resp: 150608  
Ion Ratio Lower Upper  
45 100  
43 57.2 44.8 67.2  
87 24.2 20.6 30.8  
59 10.9 9.2 13.8



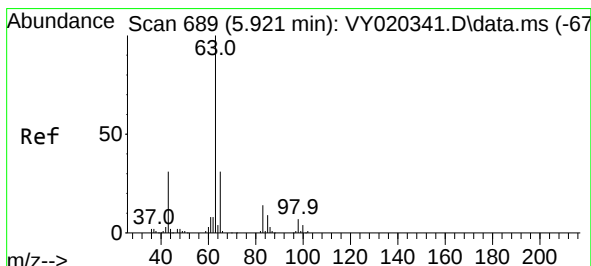
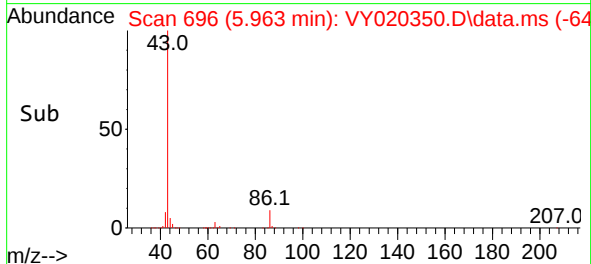
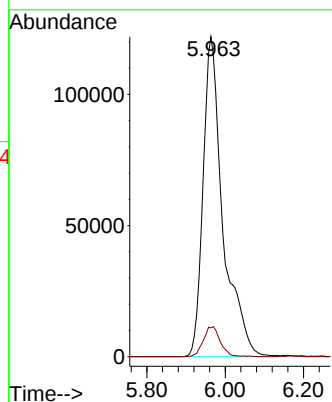


#23  
 Vinyl Acetate  
 Concen: 94.395 ug/l  
 RT: 5.963 min Scan# 696  
 Delta R.T. -0.000 min  
 Lab File: VY020350.D  
 Acq: 20 Nov 2024 11:16

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

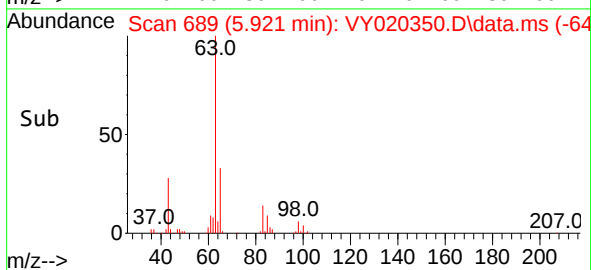
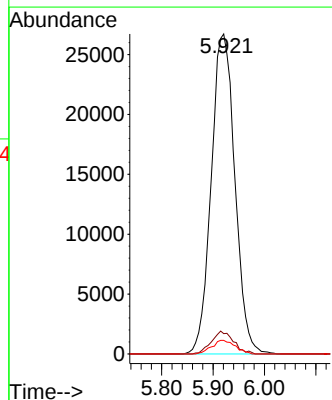
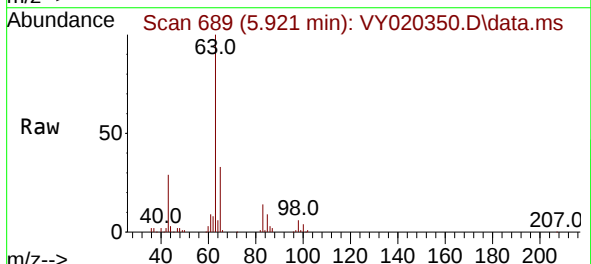


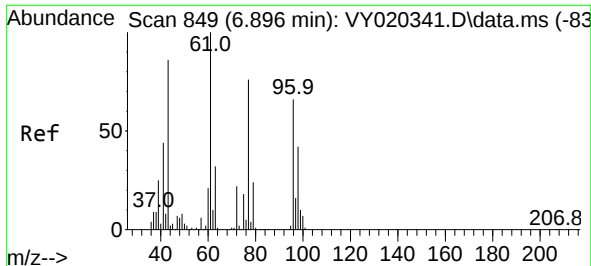
Tgt Ion: 43 Resp: 429084  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 8.0 12.0



#24  
 1,1-Dichloroethane  
 Concen: 18.606 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. -0.000 min  
 Lab File: VY020350.D  
 Acq: 20 Nov 2024 11:16

Tgt Ion: 63 Resp: 85440  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.4 10.1  
 100 4.2 2.0 5.8

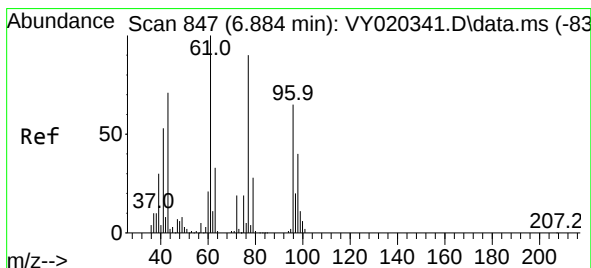
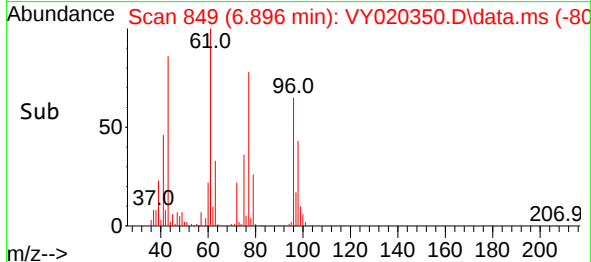
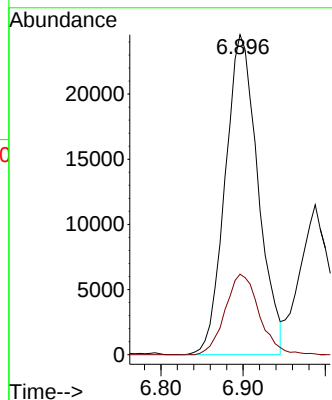
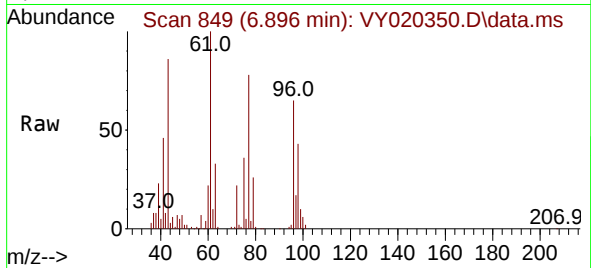




#25  
2-Butanone  
Concen: 98.362 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

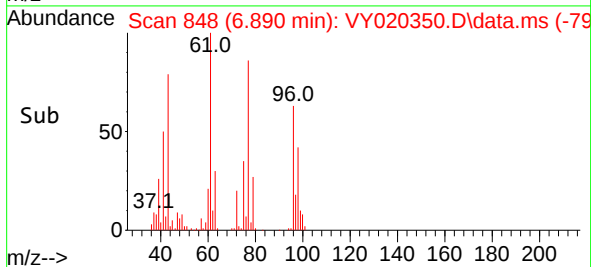
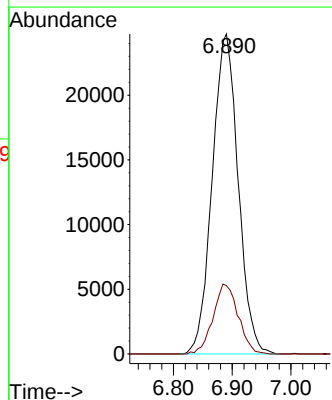
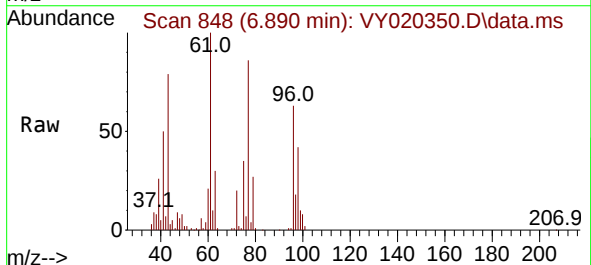
Instrument :  
MSVOA\_Y  
ClientSampleId :

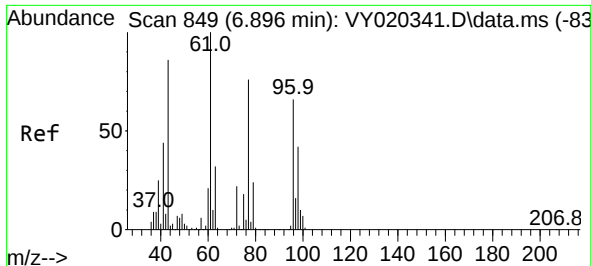
Tgt Ion: 43 Resp: 68242  
Ion Ratio Lower Upper  
43 100  
72 25.1 20.4 30.6



#26  
2,2-Dichloropropane  
Concen: 19.968 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 77 Resp: 75785  
Ion Ratio Lower Upper  
77 100  
97 21.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 19.482 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

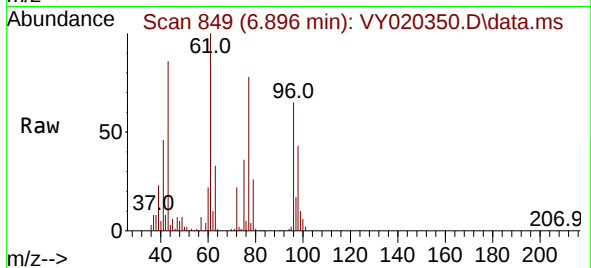
Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :



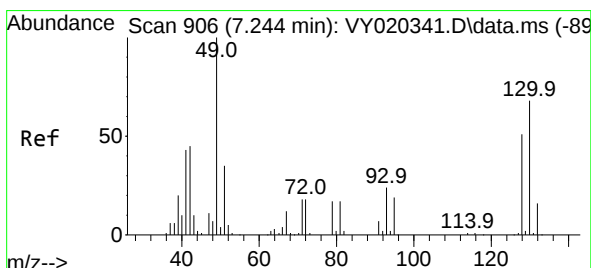
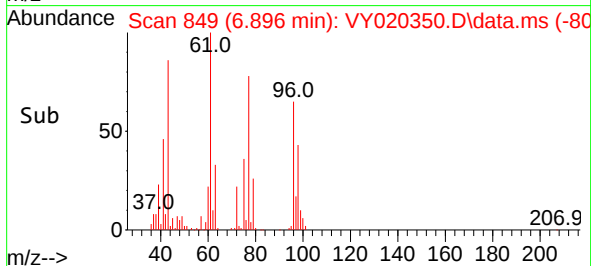
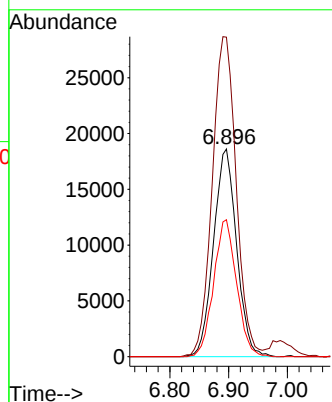
Tgt Ion: 96 Resp: 50870

Ion Ratio Lower Upper

96 100

61 159.9 0.0 312.4

98 65.5 0.0 126.8



#28

Bromochloromethane

Concen: 18.284 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

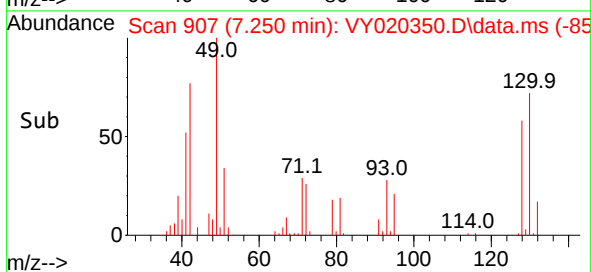
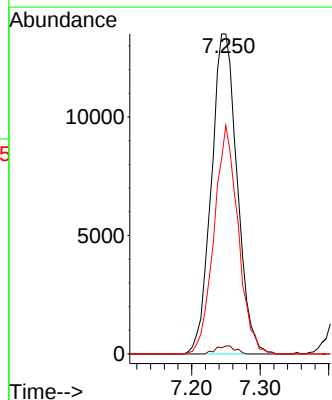
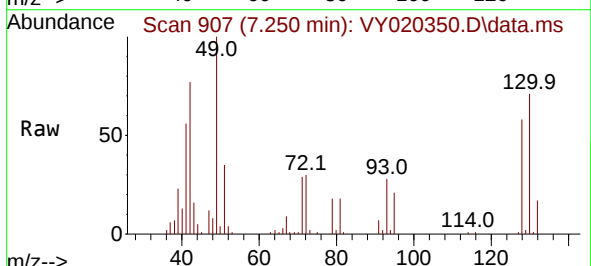
Tgt Ion: 49 Resp: 35336

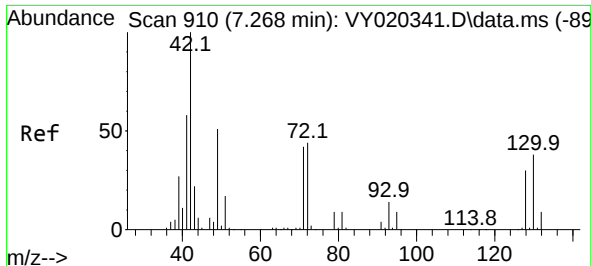
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 66.6 55.0 82.6





#29

Tetrahydrofuran

Concen: 99.957 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

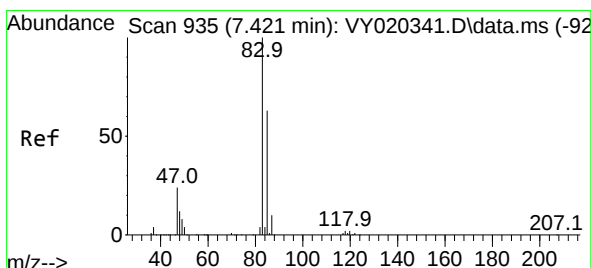
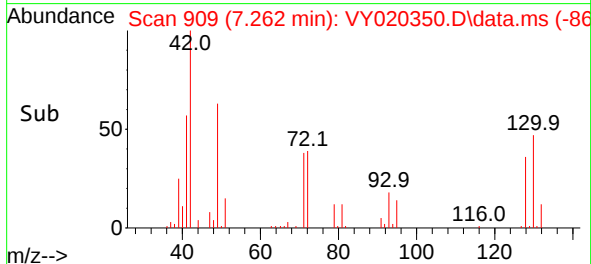
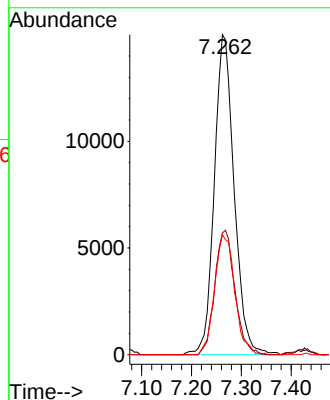
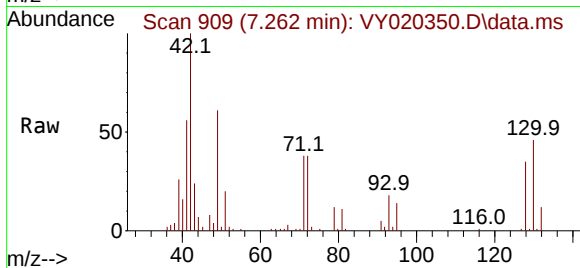
Tgt Ion: 42 Resp: 41448

Ion Ratio Lower Upper

42 100

72 39.3 33.4 50.0

71 38.3 31.9 47.9



#30

Chloroform

Concen: 19.170 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY020350.D

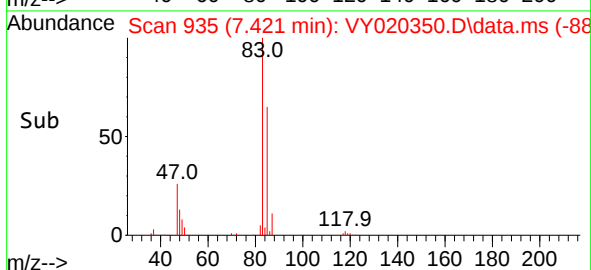
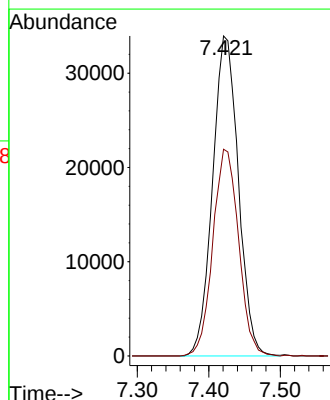
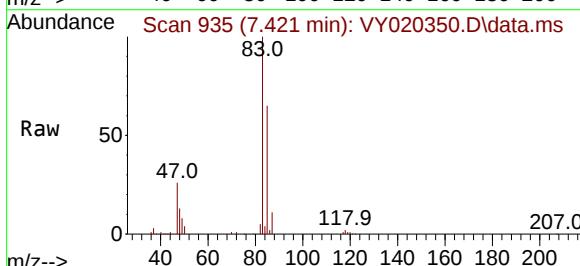
Acq: 20 Nov 2024 11:16

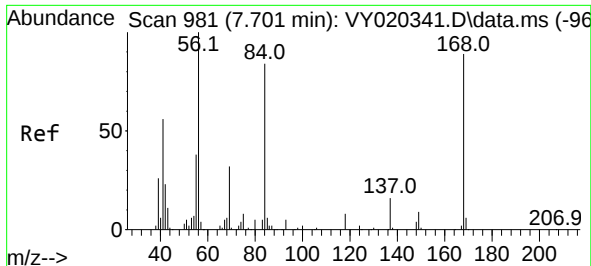
Tgt Ion: 83 Resp: 85004

Ion Ratio Lower Upper

83 100

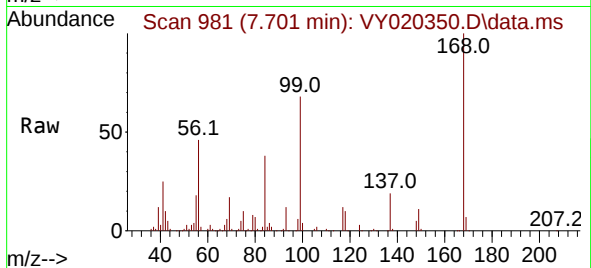
85 64.6 50.3 75.5



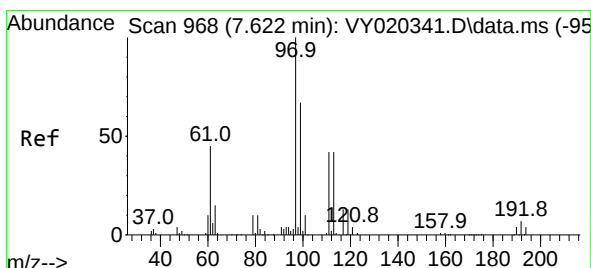
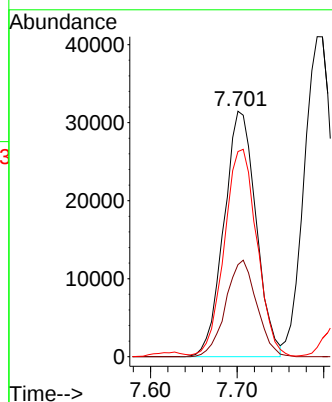
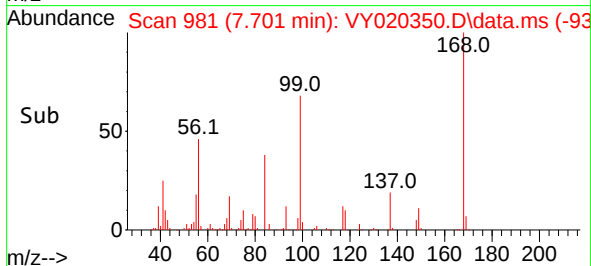


#31  
Cyclohexane  
Concen: 19.340 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Instrument :  
MSVOA\_Y  
ClientSampleId :

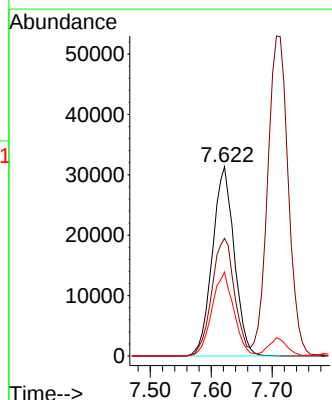
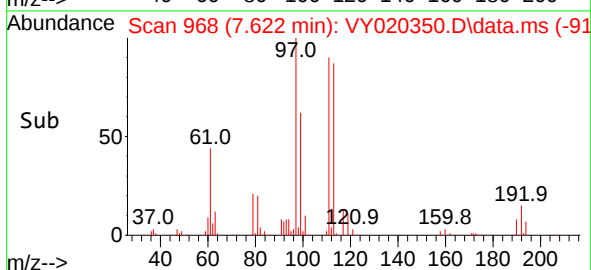
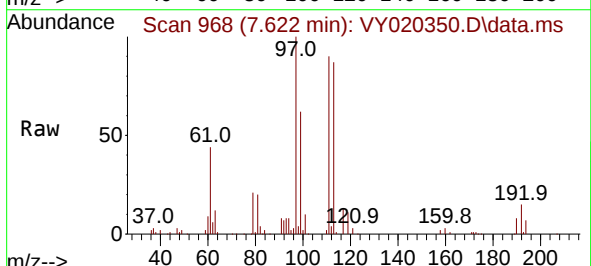


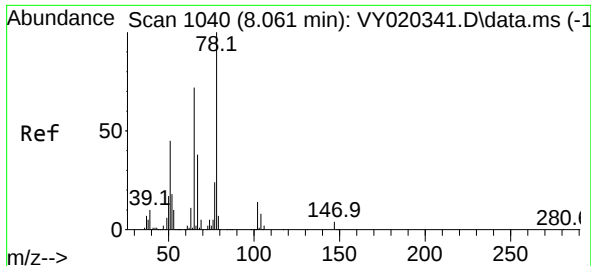
Tgt Ion: 56 Resp: 81044  
Ion Ratio Lower Upper  
56 100  
69 37.5 25.3 37.9  
84 82.2 66.9 100.3



#32  
1,1,1-Trichloroethane  
Concen: 20.057 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 97 Resp: 78093  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.8 77.6  
61 44.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 52.574 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

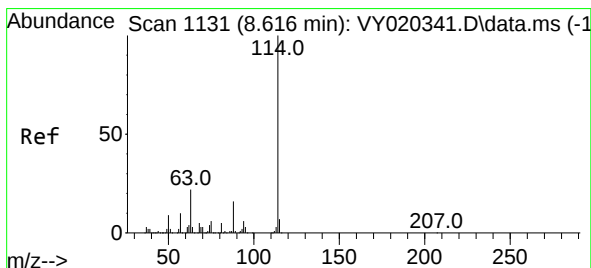
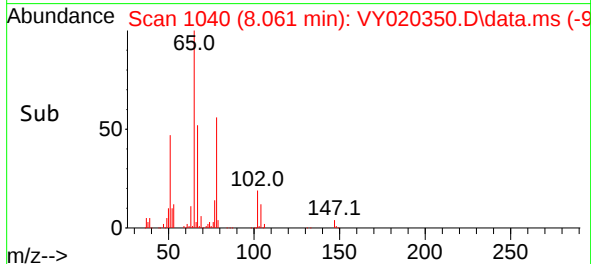
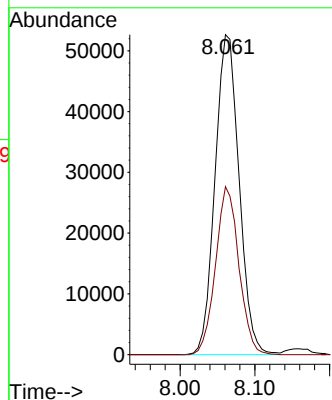
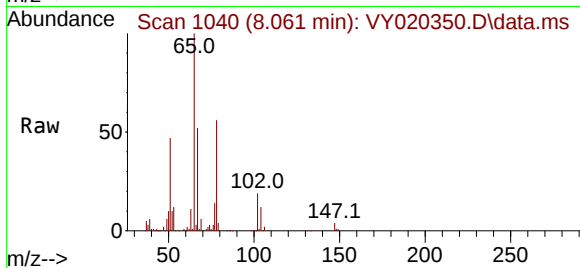
ClientSampleId :

Tgt Ion: 65 Resp: 118185

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

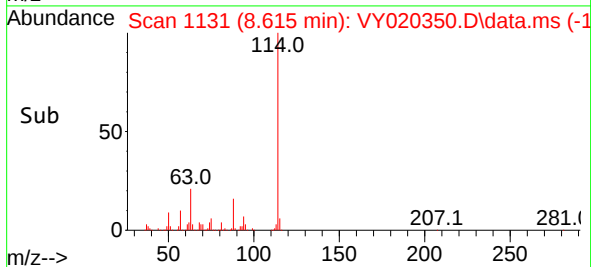
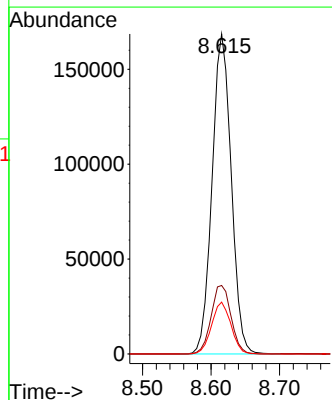
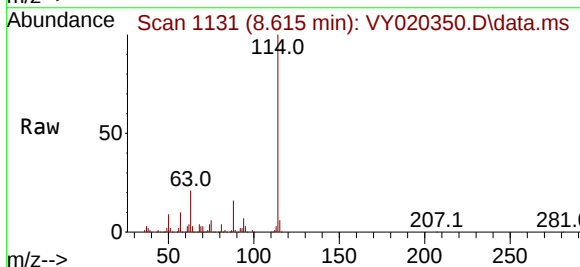
Tgt Ion:114 Resp: 326538

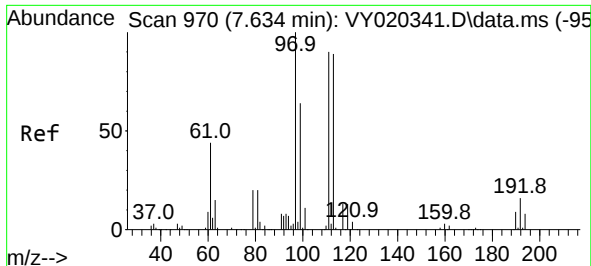
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

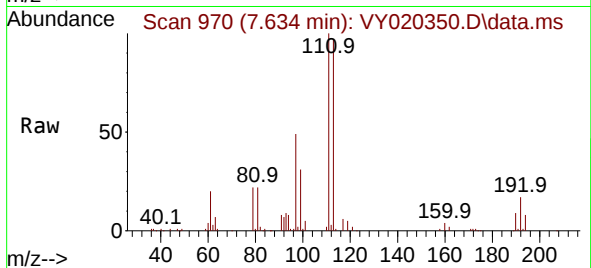
88 16.2 0.0 32.0



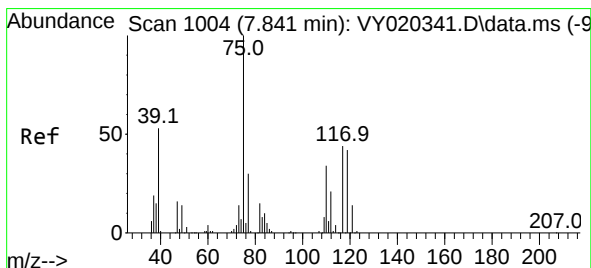
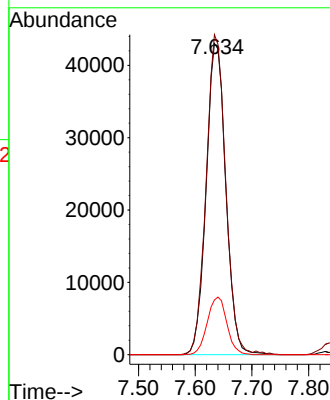
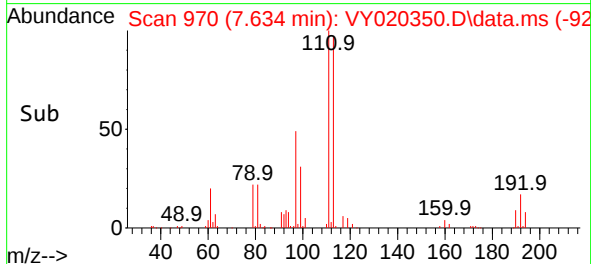


#35  
Dibromofluoromethane  
Concen: 49.475 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

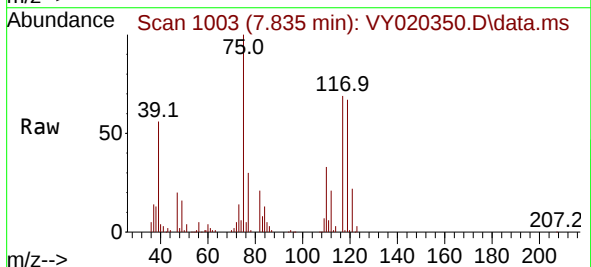
Instrument :  
MSVOA\_Y  
ClientSampleId :



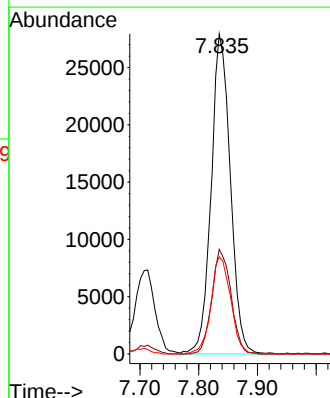
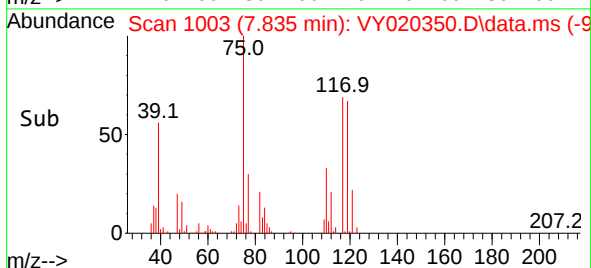
Tgt Ion:113 Resp: 103594  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.4 122.0  
192 18.4 15.1 22.7

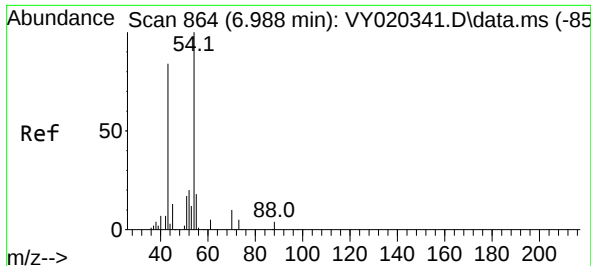


#36  
1,1-Dichloropropene  
Concen: 19.832 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16



Tgt Ion: 75 Resp: 63425  
Ion Ratio Lower Upper  
75 100  
110 32.5 16.7 50.0  
77 31.2 24.6 36.8

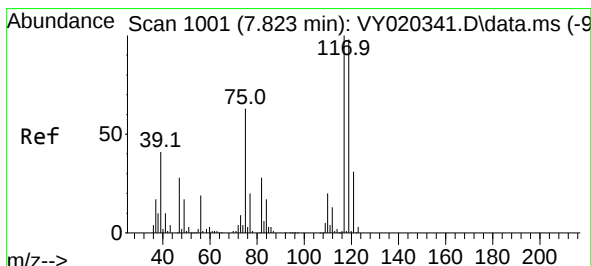
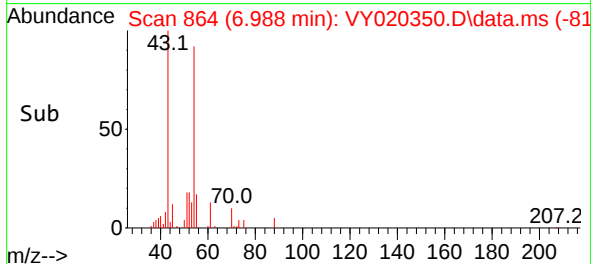
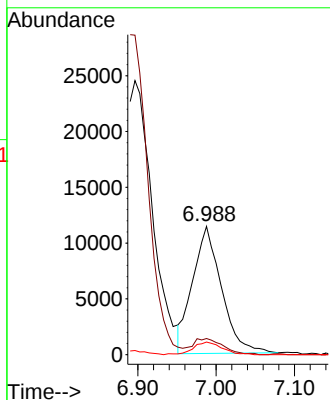
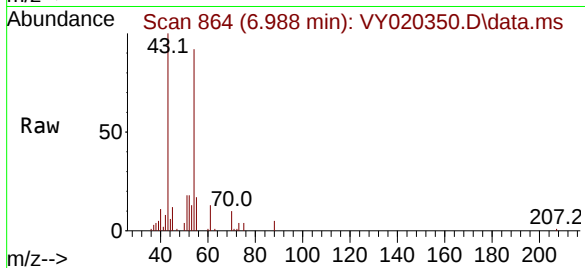




#37  
Ethyl Acetate  
Concen: 19.986 ug/l  
RT: 6.988 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

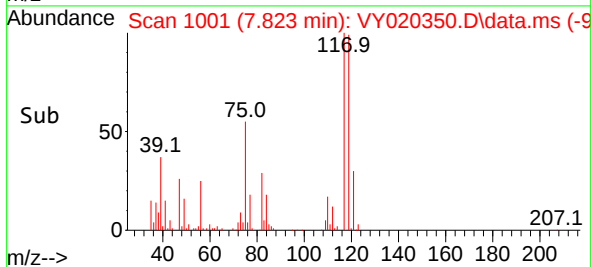
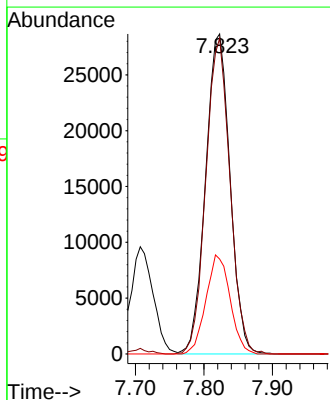
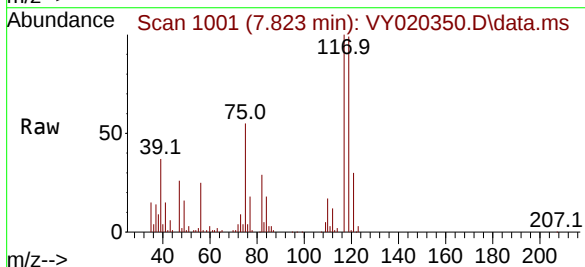
Instrument :  
MSVOA\_Y  
ClientSampleId :

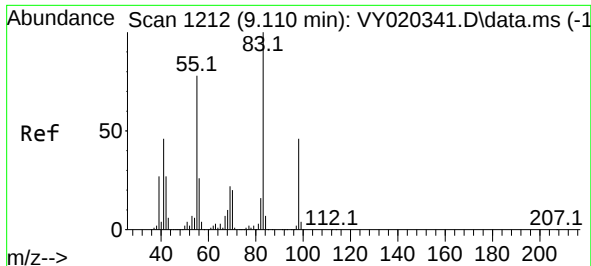
Tgt Ion: 43 Resp: 29280  
Ion Ratio Lower Upper  
43 100  
61 13.5 10.7 16.1  
70 9.8 7.3 10.9



#38  
Carbon Tetrachloride  
Concen: 21.316 ug/l  
RT: 7.823 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 117 Resp: 71177  
Ion Ratio Lower Upper  
117 100  
119 98.7 77.8 116.6  
121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 20.072 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

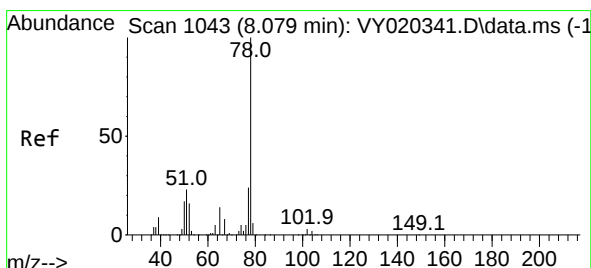
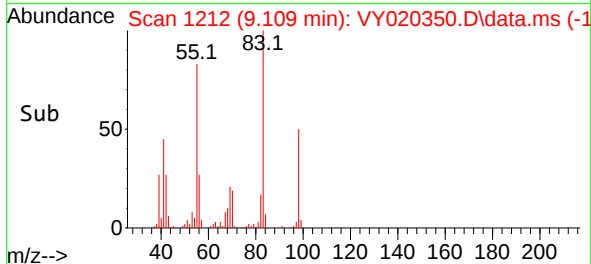
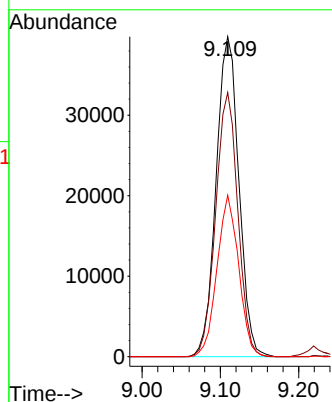
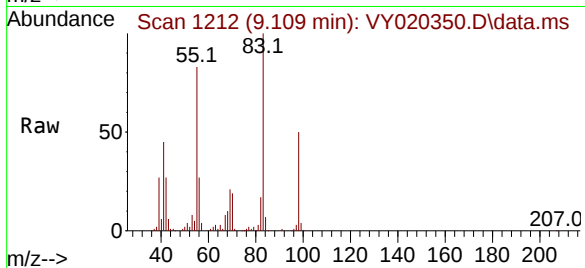
Tgt Ion: 83 Resp: 80338

Ion Ratio Lower Upper

83 100

55 82.6 62.6 93.8

98 50.5 37.0 55.4



#40

Benzene

Concen: 20.063 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY020350.D

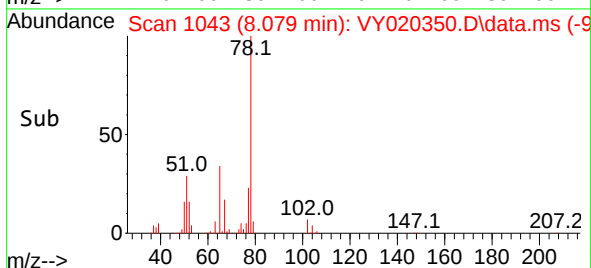
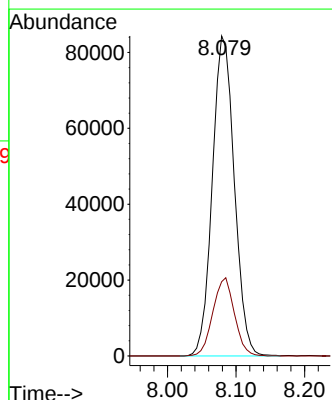
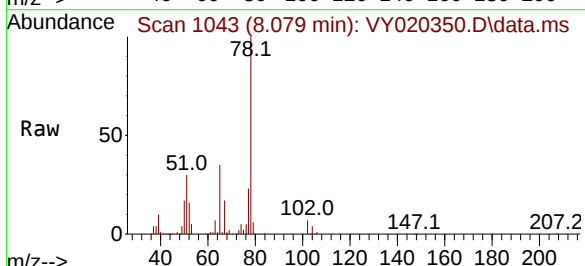
Acq: 20 Nov 2024 11:16

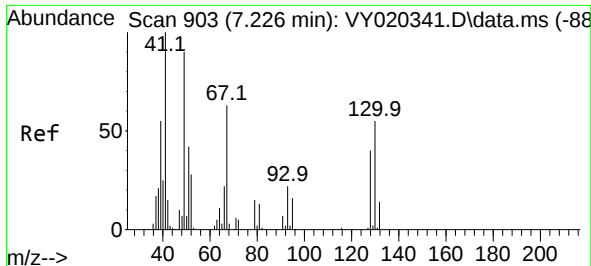
Tgt Ion: 78 Resp: 188031

Ion Ratio Lower Upper

78 100

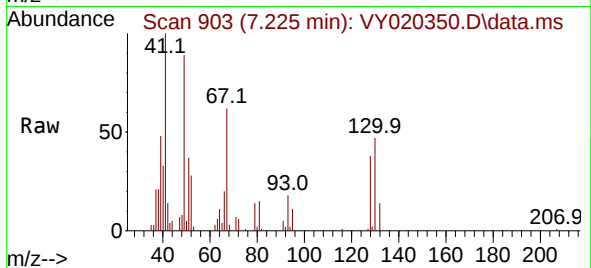
77 23.2 19.4 29.0



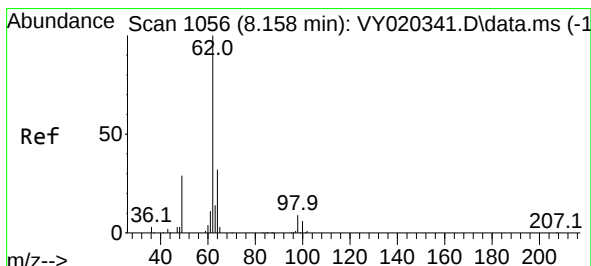
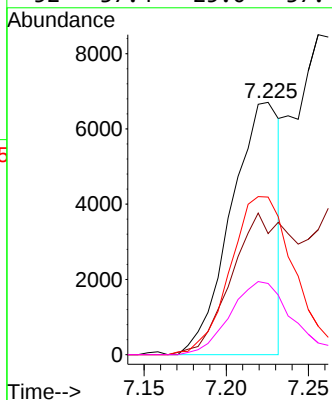
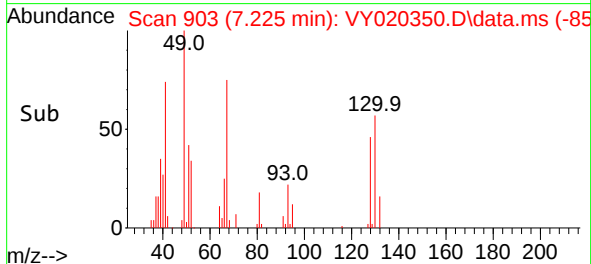


#41  
Methacrylonitrile  
Concen: 16.459 ug/l  
RT: 7.225 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Instrument :  
MSVOA\_Y  
ClientSampleId :

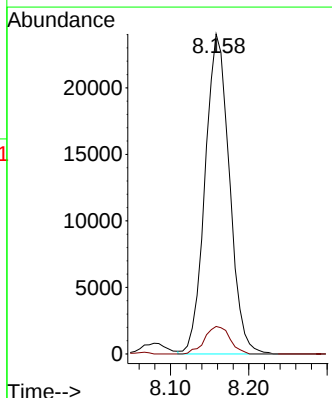
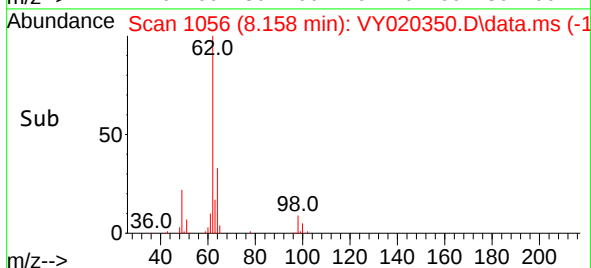
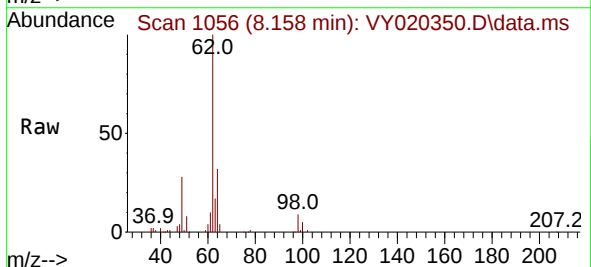


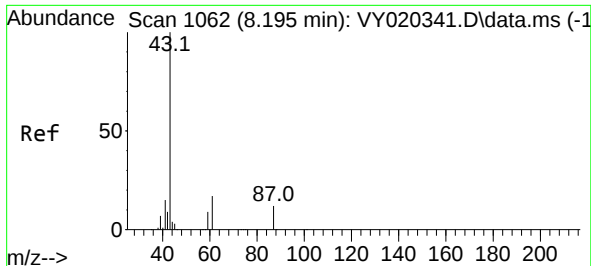
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 13720 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 70.7  | 49.0  | 73.4  |
| 67       | 83.9  | 57.1  | 85.7  |
| 52       | 37.4  | 25.0  | 37.4  |



#42  
1,2-Dichloroethane  
Concen: 20.529 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 51933 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 18.0  |

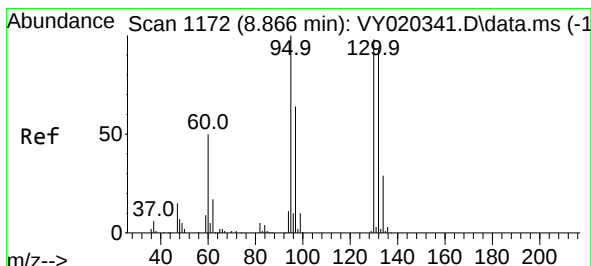
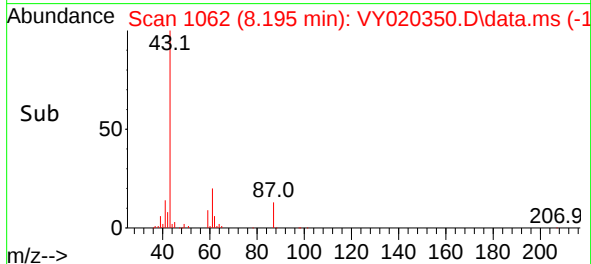
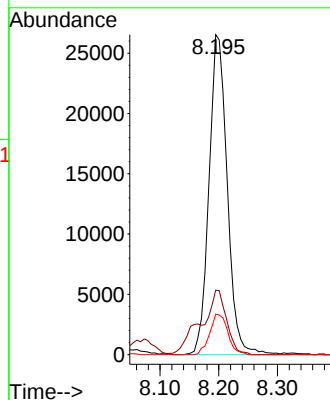
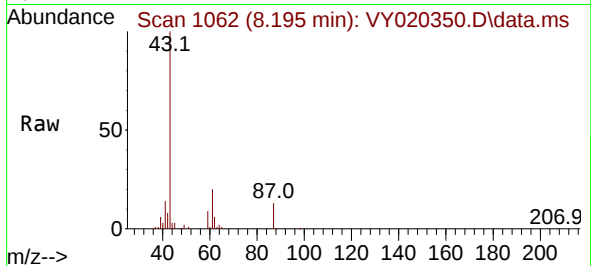




#43  
Isopropyl Acetate  
Concen: 20.094 ug/l  
RT: 8.195 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

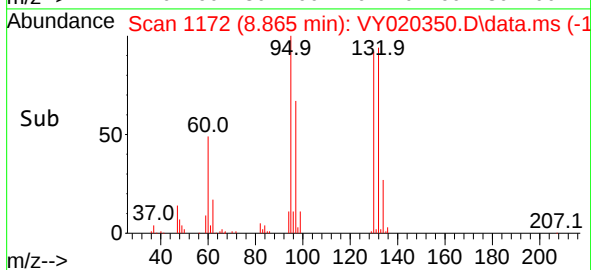
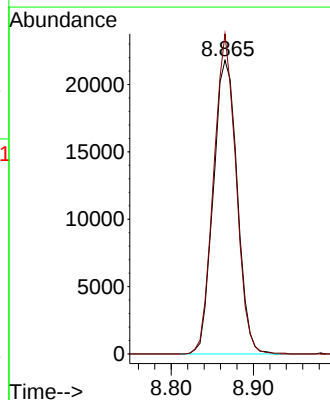
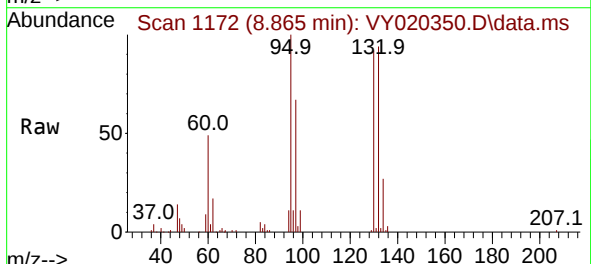
Instrument :  
MSVOA\_Y  
ClientSampleId :

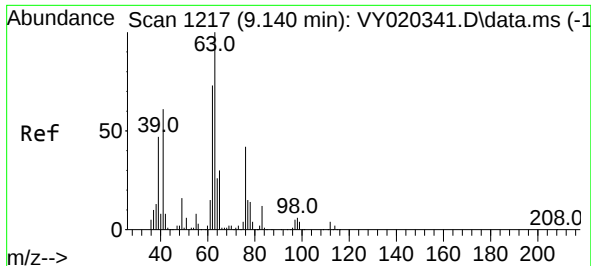
Tgt Ion: 43 Resp: 57248  
Ion Ratio Lower Upper  
43 100  
61 28.4 22.8 34.2  
87 12.5 9.6 14.4



#44  
Trichloroethene  
Concen: 19.805 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion:130 Resp: 43977  
Ion Ratio Lower Upper  
130 100  
95 109.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.113 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

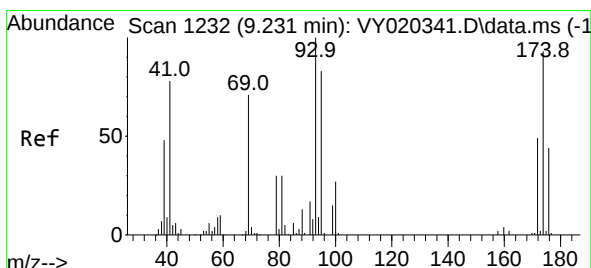
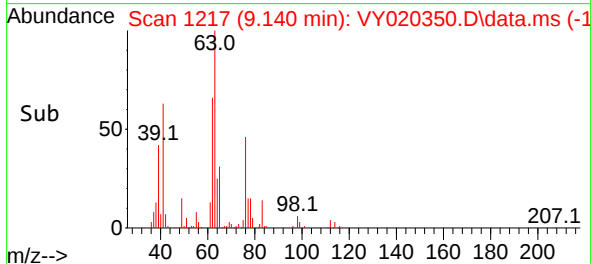
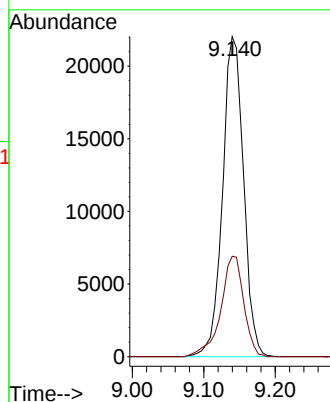
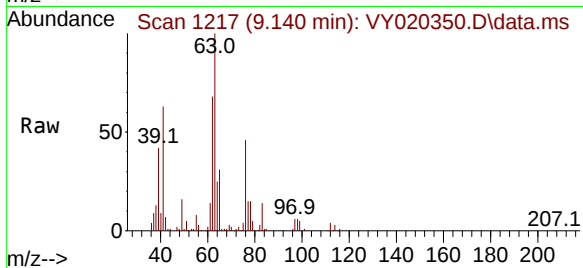
ClientSampleId :

Tgt Ion: 63 Resp: 44975

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.4



#46

Dibromomethane

Concen: 19.861 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

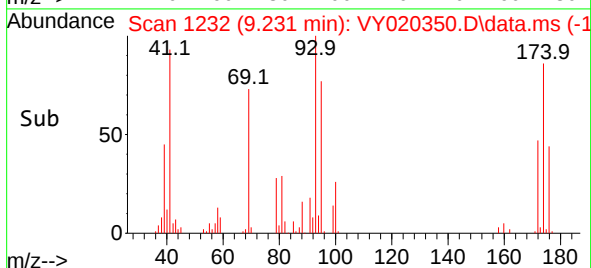
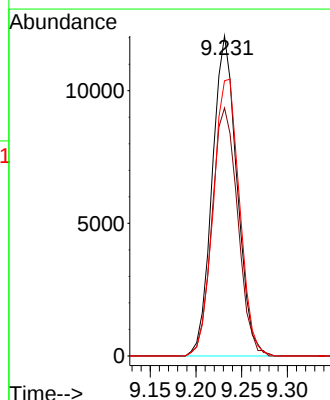
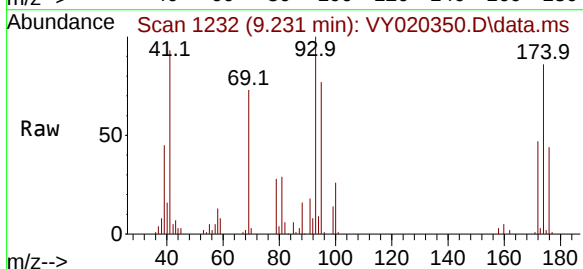
Tgt Ion: 93 Resp: 22762

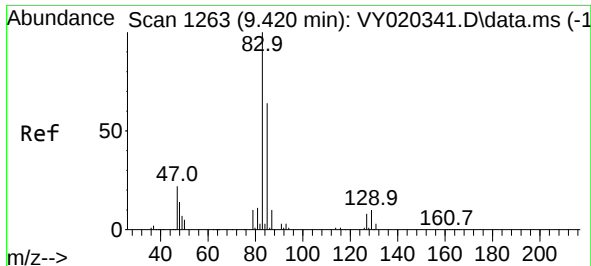
Ion Ratio Lower Upper

93 100

95 80.3 65.3 97.9

174 91.6 74.4 111.6

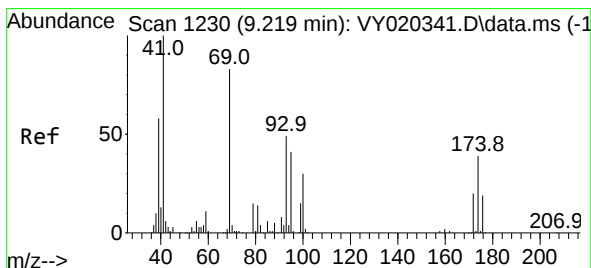
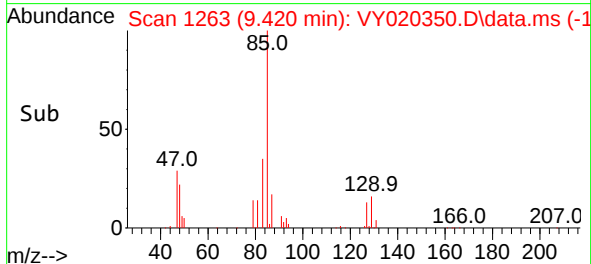
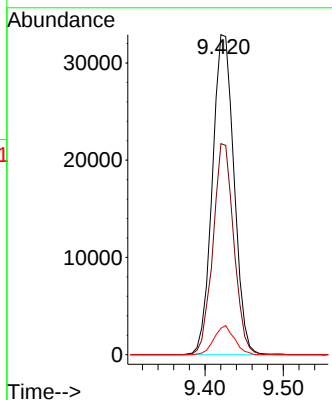
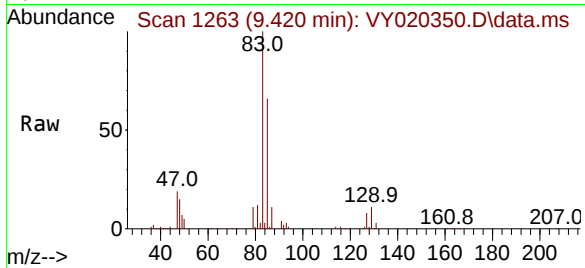




#47  
Bromodichloromethane  
Concen: 19.997 ug/l  
RT: 9.420 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

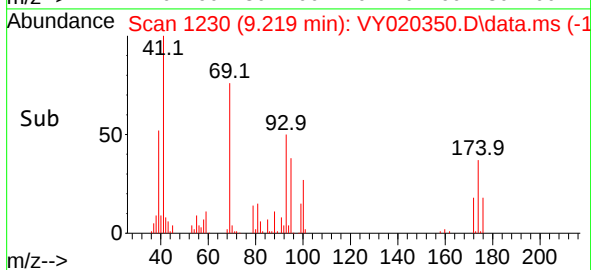
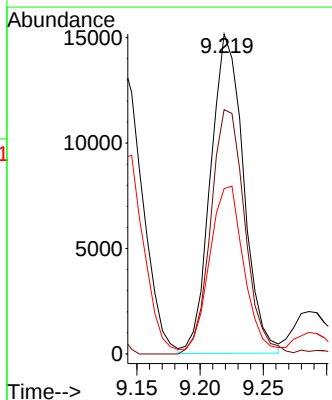
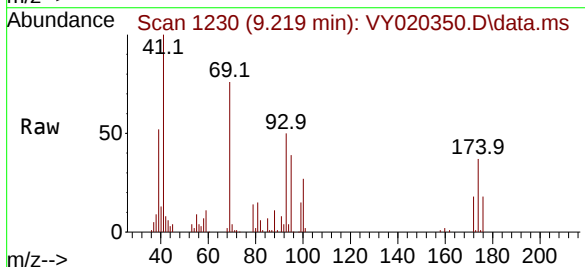
Instrument :  
MSVOA\_Y  
ClientSampleId :

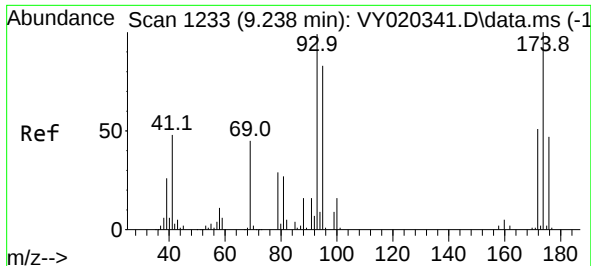
Tgt Ion: 83 Resp: 63267  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.4 77.2  
127 8.2 6.3 9.5



#48  
Methyl methacrylate  
Concen: 20.193 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 41 Resp: 27505  
Ion Ratio Lower Upper  
41 100  
69 78.8 66.1 99.1  
39 52.2 46.0 69.0





#49

1,4-Dioxane

Concen: 435.417 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

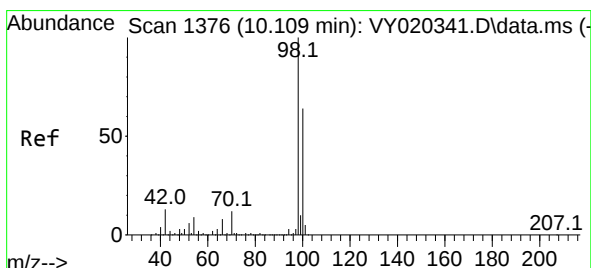
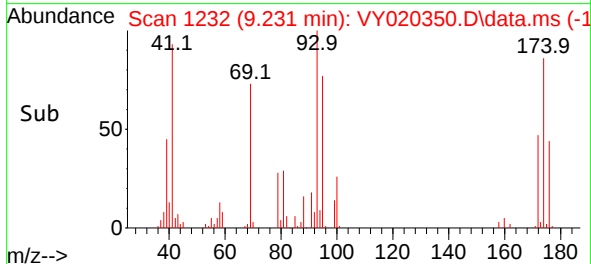
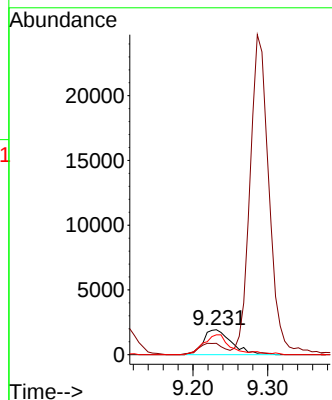
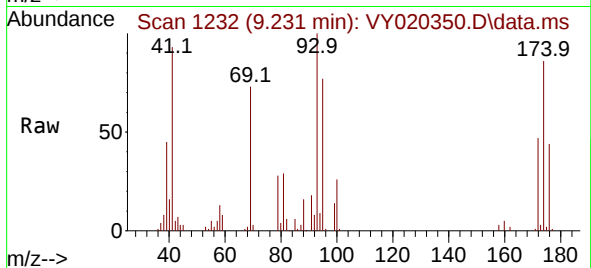
Tgt Ion: 88 Resp: 5134

Ion Ratio Lower Upper

88 100

43 39.7 24.6 37.0#

58 70.6 59.6 89.4



#50

Toluene-d8

Concen: 50.609 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020350.D

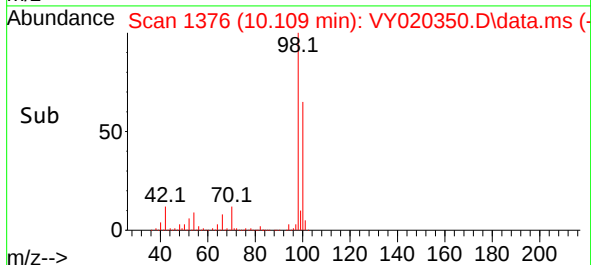
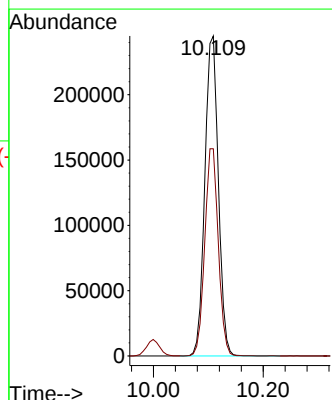
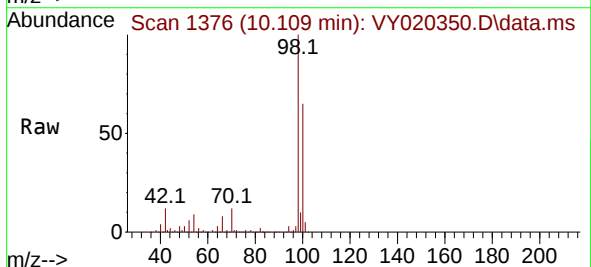
Acq: 20 Nov 2024 11:16

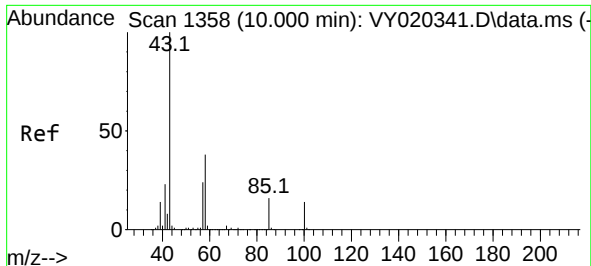
Tgt Ion: 98 Resp: 417433

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9

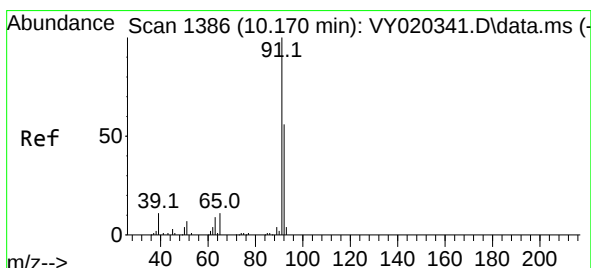
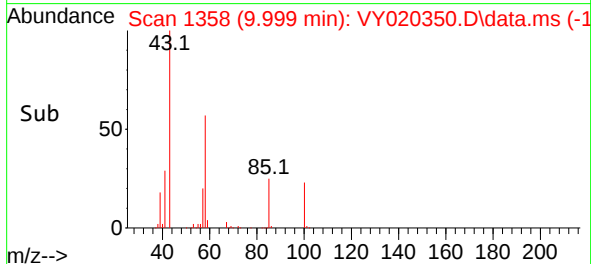
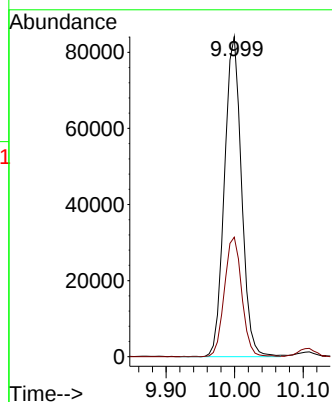
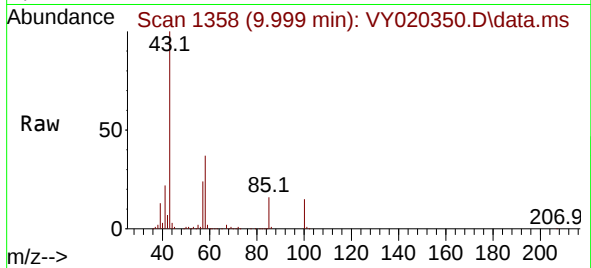




#51  
4-Methyl-2-Pentanone  
Concen: 100.606 ug/l  
RT: 9.999 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

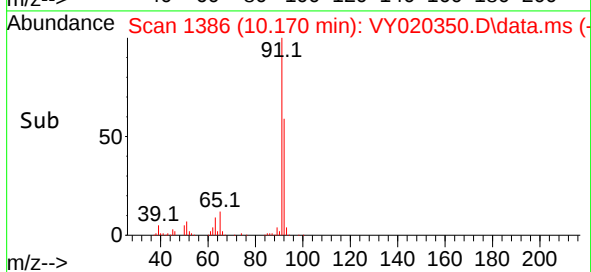
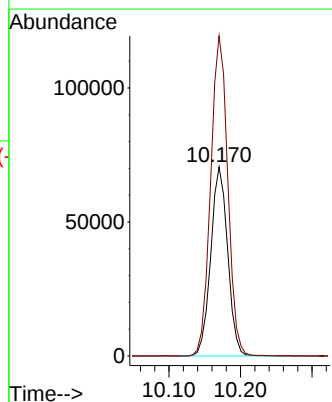
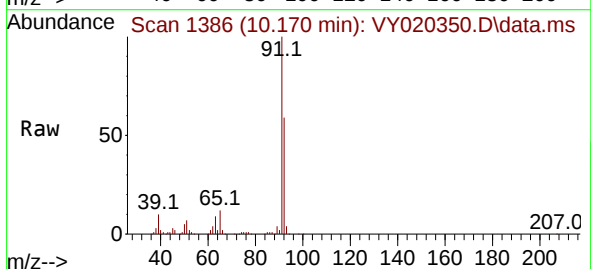
Instrument :  
MSVOA\_Y  
ClientSampleId :

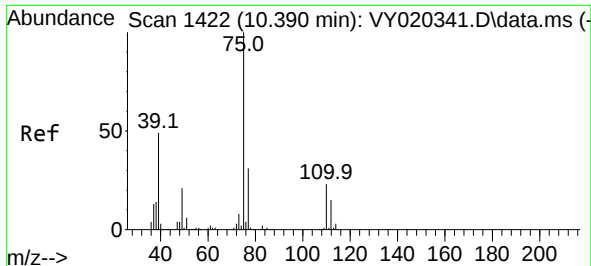
Tgt Ion: 43 Resp: 145460  
Ion Ratio Lower Upper  
43 100  
58 37.9 30.9 46.3



#52  
Toluene  
Concen: 20.189 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 92 Resp: 115651  
Ion Ratio Lower Upper  
92 100  
91 171.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.334 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

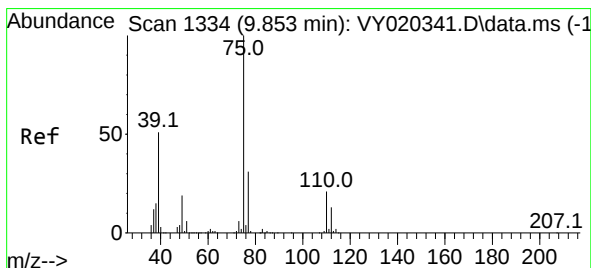
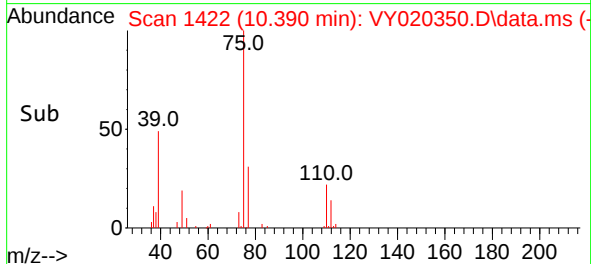
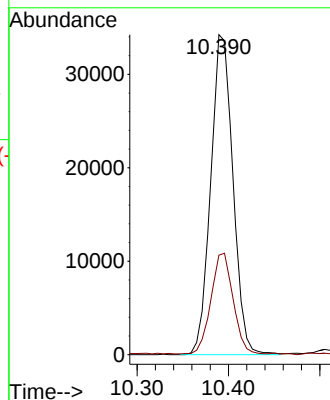
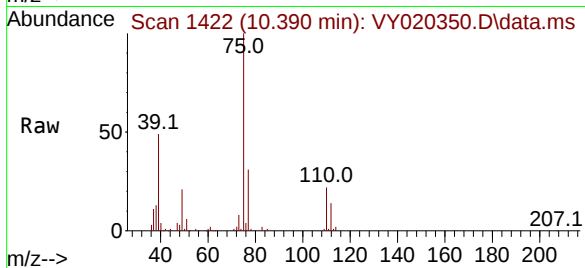
ClientSampleId :

Tgt Ion: 75 Resp: 57845

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.292 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

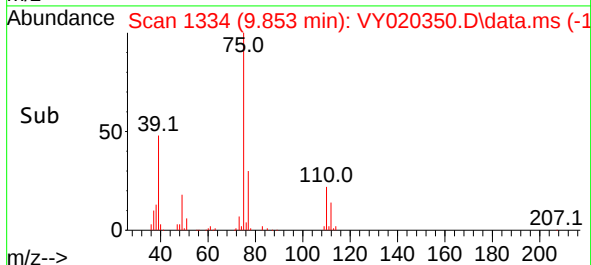
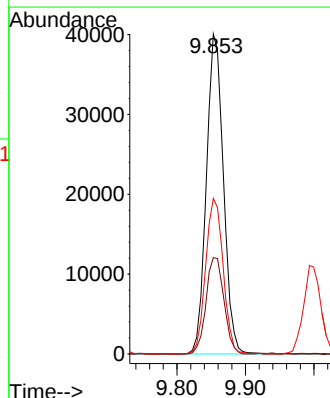
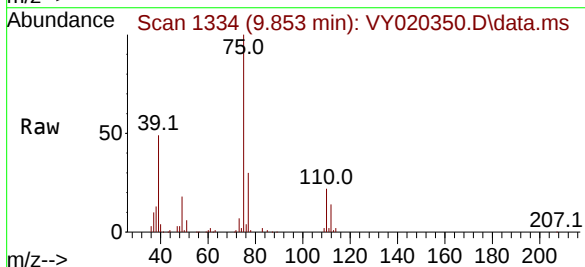
Tgt Ion: 75 Resp: 69495

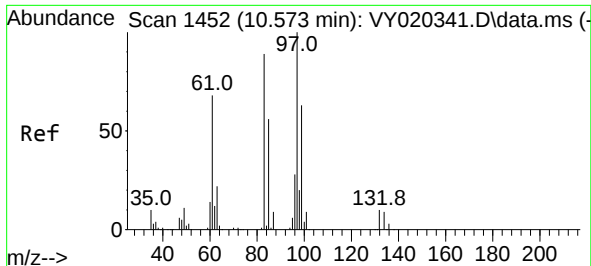
Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.4

39 48.6 41.0 61.6

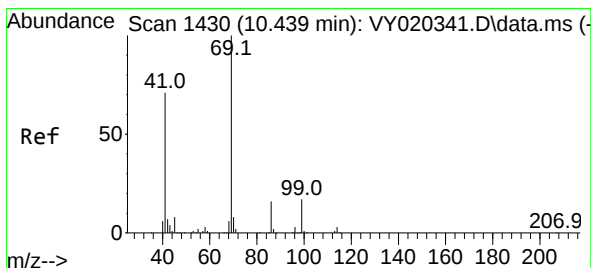
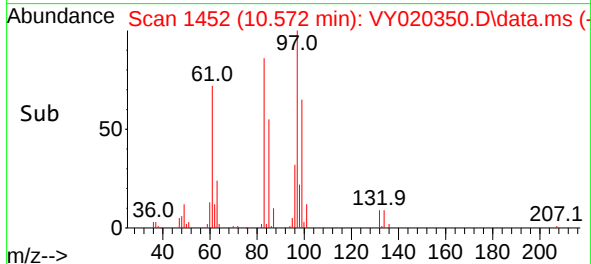
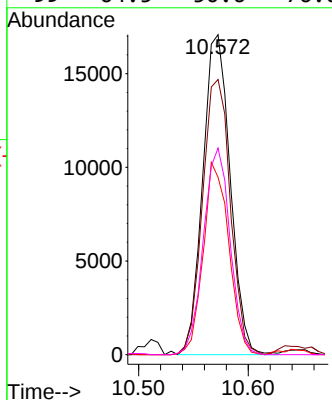
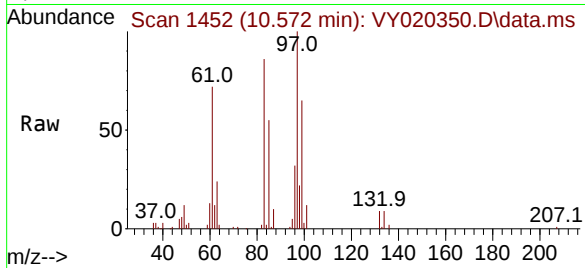




#55  
1,1,2-Trichloroethane  
Concen: 19.579 ug/l  
RT: 10.572 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

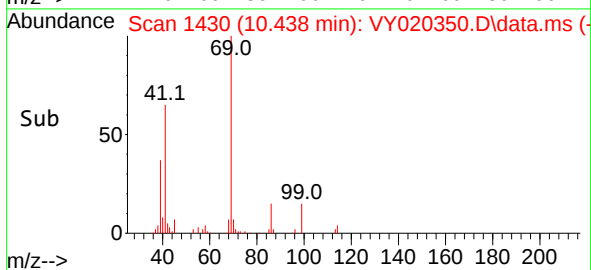
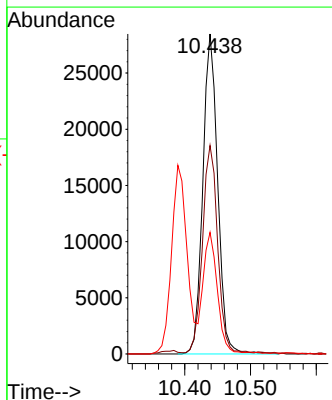
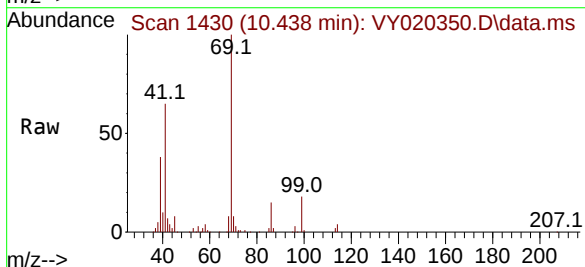
Instrument :  
MSVOA\_Y  
ClientSampleId :

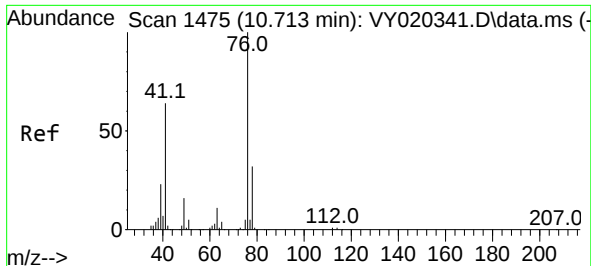
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 29785 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 70.8  | 106.2 |
| 85       | 55.1  | 44.9  | 67.3  |
| 99       | 64.5  | 50.6  | 76.0  |



#56  
Ethyl methacrylate  
Concen: 19.603 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 44786 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.7  | 56.1  | 84.1  |
| 39       | 34.8  | 29.7  | 44.5  |





#57

1,3-Dichloropropane

Concen: 19.855 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

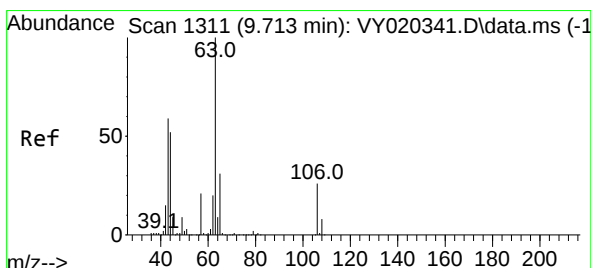
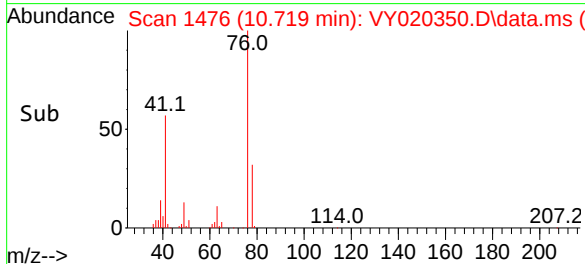
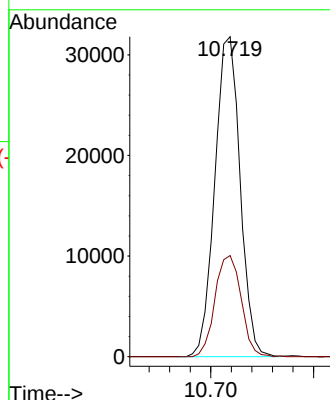
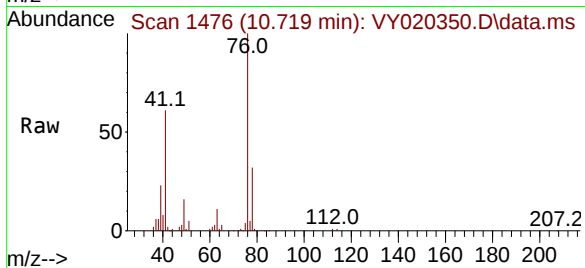
ClientSampleId :

Tgt Ion: 76 Resp: 54285

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.445 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY020350.D

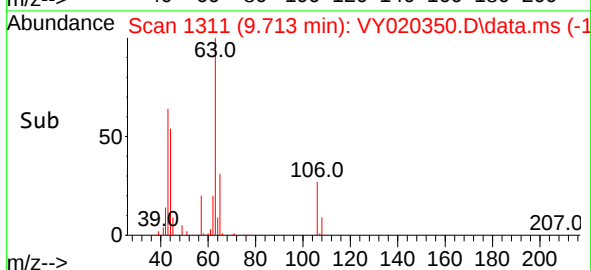
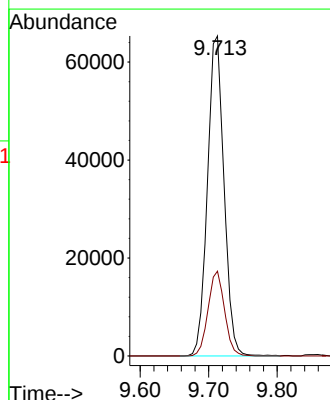
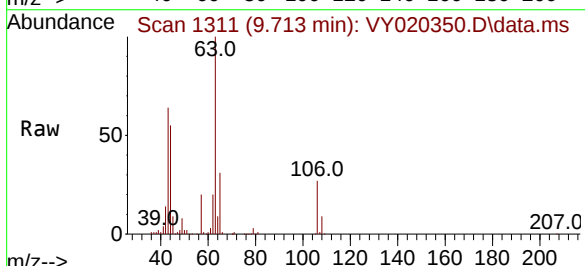
Acq: 20 Nov 2024 11:16

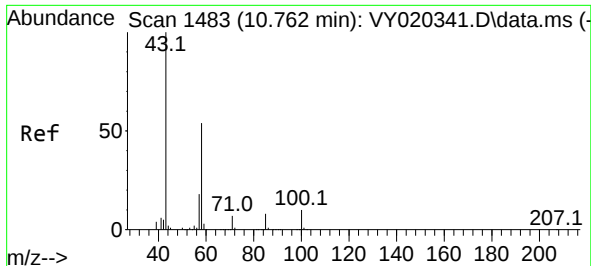
Tgt Ion: 63 Resp: 109898

Ion Ratio Lower Upper

63 100

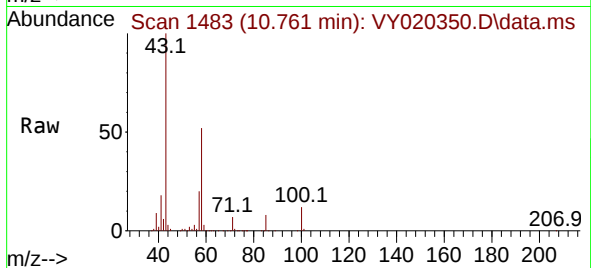
106 26.4 21.0 31.4



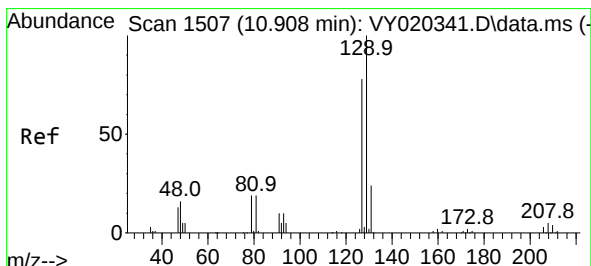
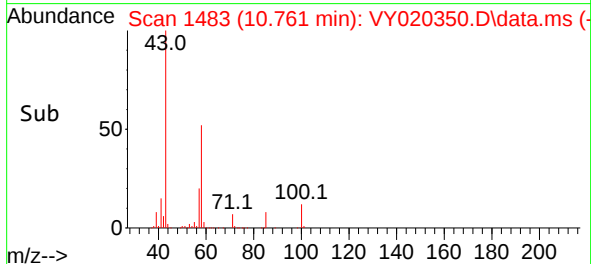
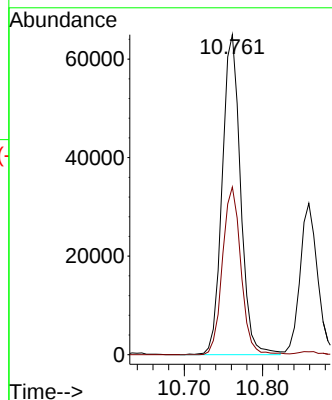


#59  
2-Hexanone  
Concen: 103.314 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Instrument :  
MSVOA\_Y  
ClientSampleId :

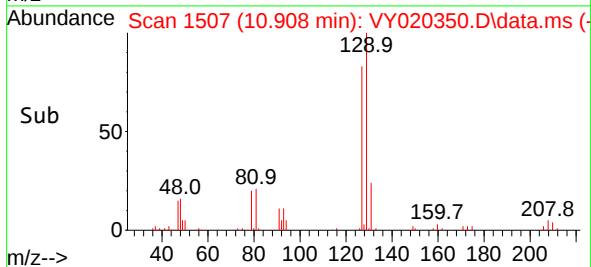
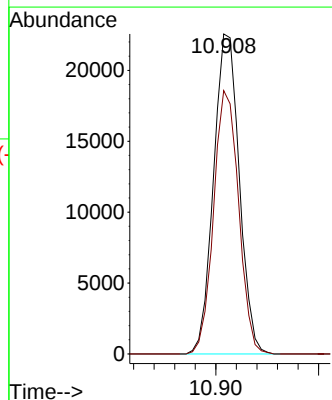
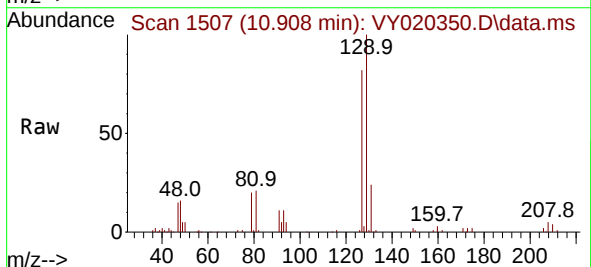


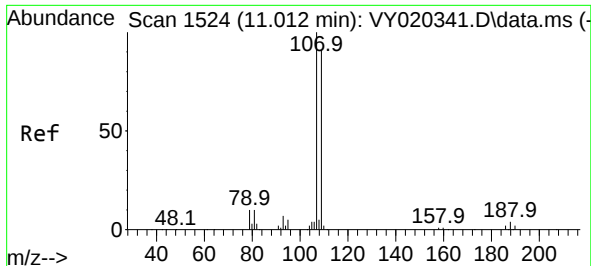
Tgt Ion: 43 Resp: 105773  
Ion Ratio Lower Upper  
43 100  
58 52.7 26.4 79.2



#60  
Dibromochloromethane  
Concen: 19.978 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion:129 Resp: 39174  
Ion Ratio Lower Upper  
129 100  
127 80.0 38.3 114.9

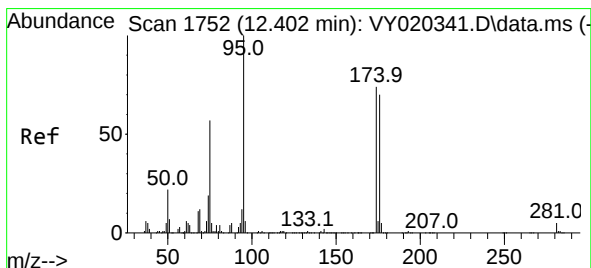
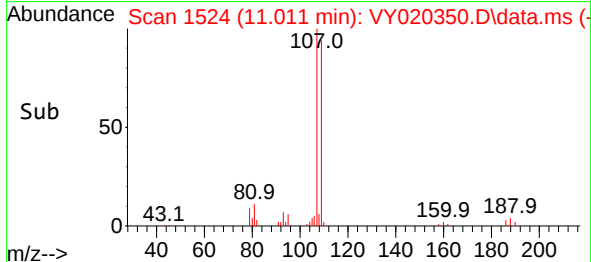
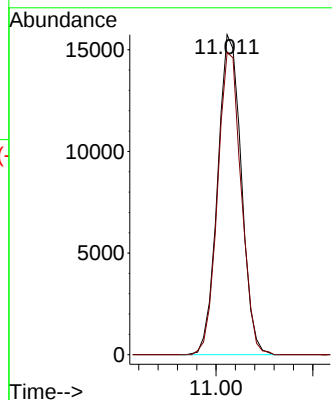
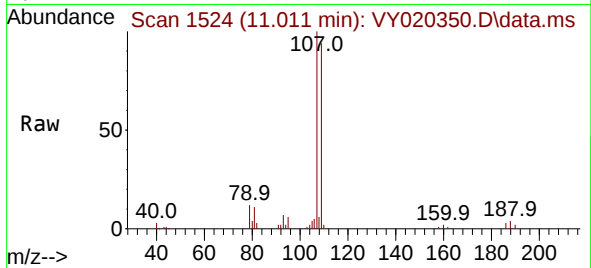




#61  
1,2-Dibromoethane  
Concen: 18.930 ug/l  
RT: 11.011 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

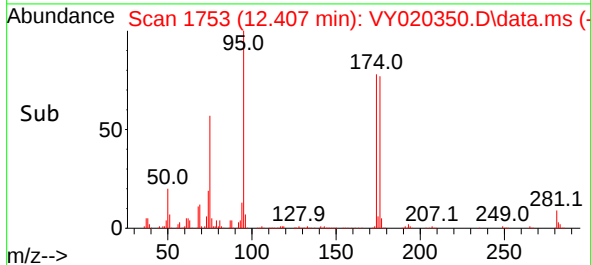
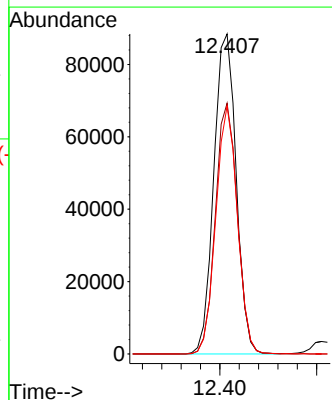
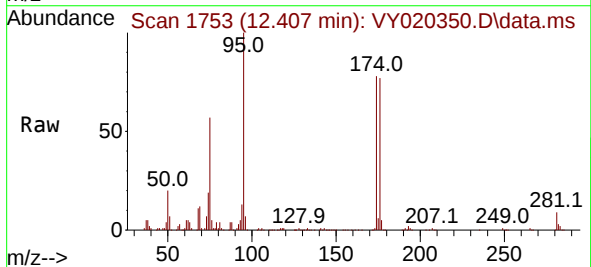
Instrument :  
MSVOA\_Y  
ClientSampleId :

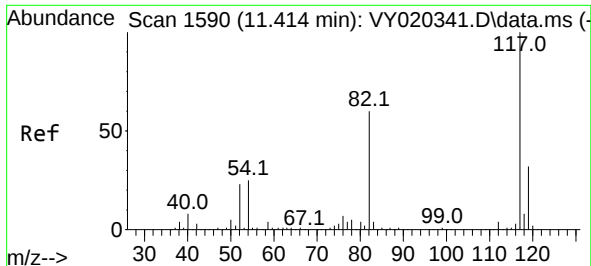
Tgt Ion:107 Resp: 26686  
Ion Ratio Lower Upper  
107 100  
109 94.3 74.6 111.8



#62  
4-Bromofluorobenzene  
Concen: 53.493 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 95 Resp: 141836  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 156.8  
176 74.7 0.0 152.0

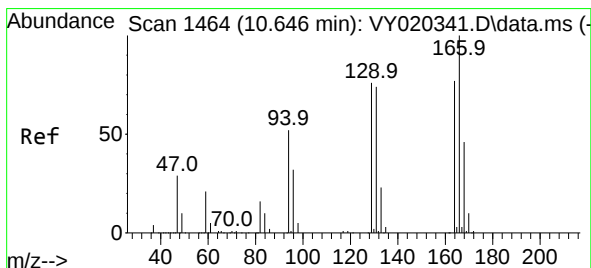
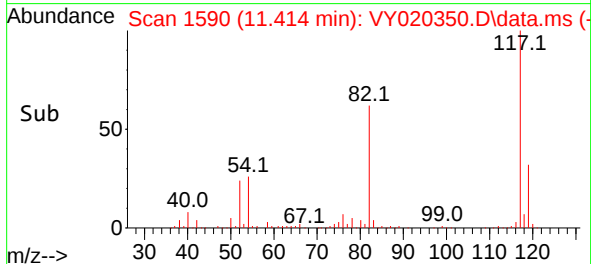
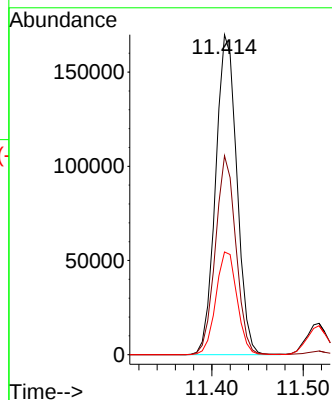
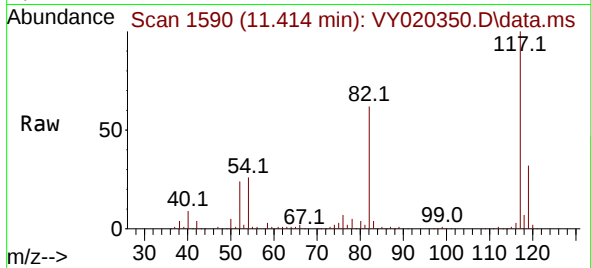




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

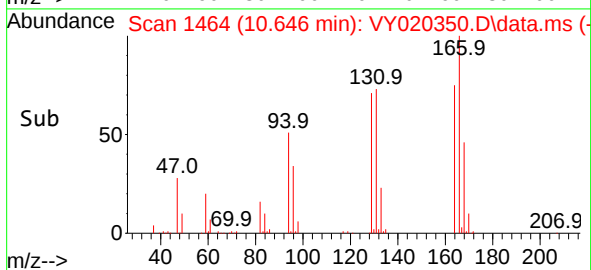
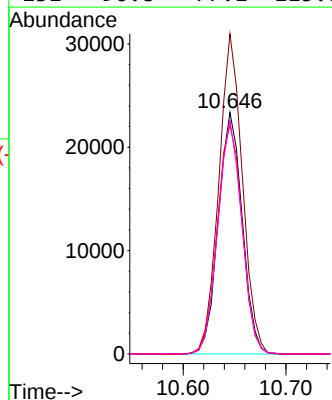
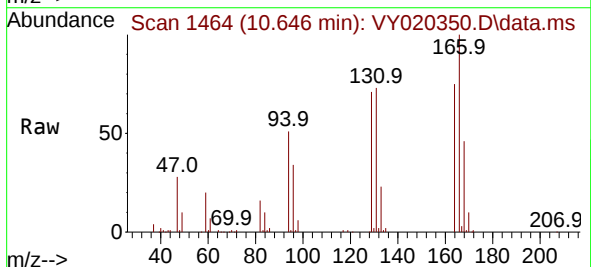
Instrument :  
MSVOA\_Y  
ClientSampleId :

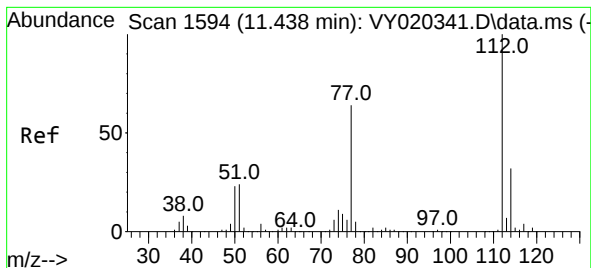
Tgt Ion:117 Resp: 274213  
Ion Ratio Lower Upper  
117 100  
82 62.1 48.2 72.4  
119 32.1 25.8 38.8



#64  
Tetrachloroethene  
Concen: 19.092 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion:164 Resp: 37738  
Ion Ratio Lower Upper  
164 100  
166 132.5 103.8 155.8  
129 94.8 79.0 118.4  
131 96.8 77.1 115.7





#65

Chlorobenzene

Concen: 19.402 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

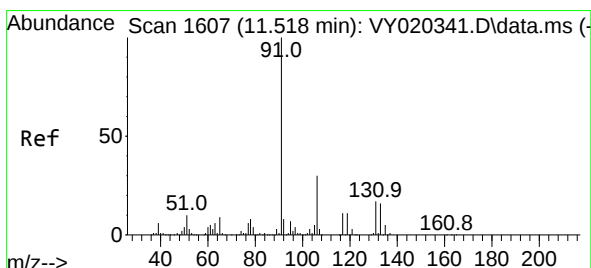
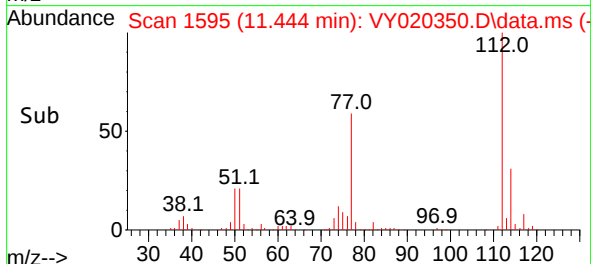
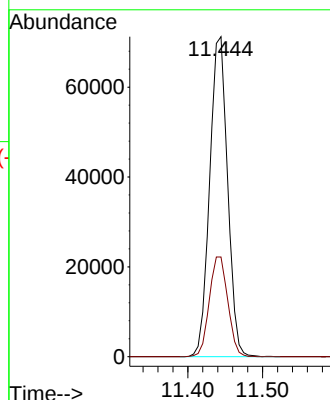
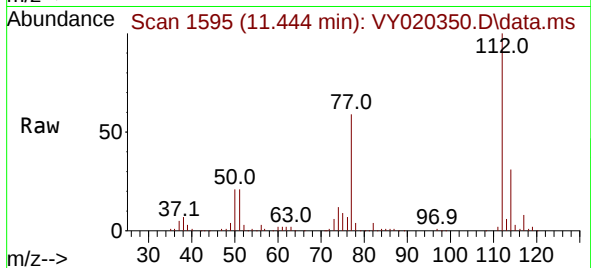
ClientSampleId :

Tgt Ion:112 Resp: 118624

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.620 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

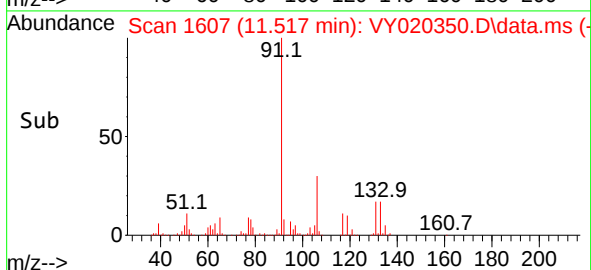
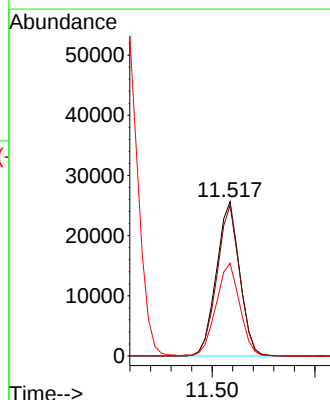
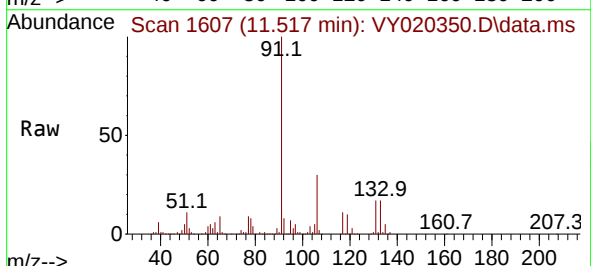
Tgt Ion:131 Resp: 40072

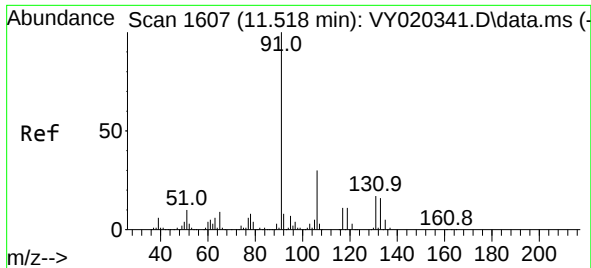
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 61.8 32.5 97.5

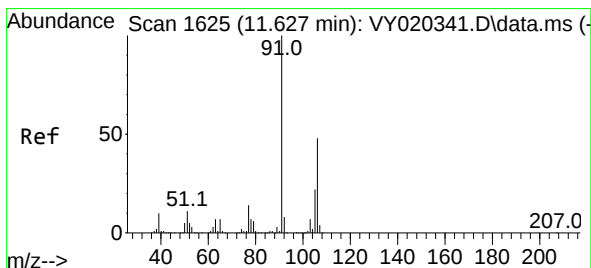
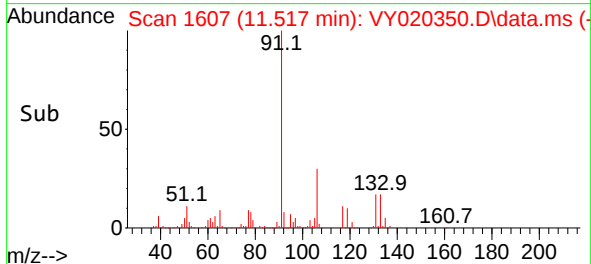
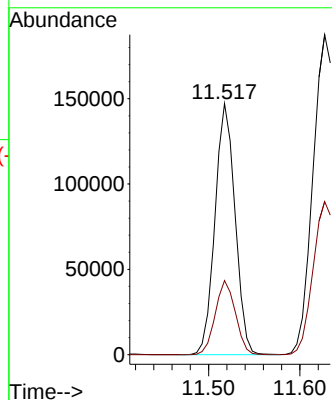
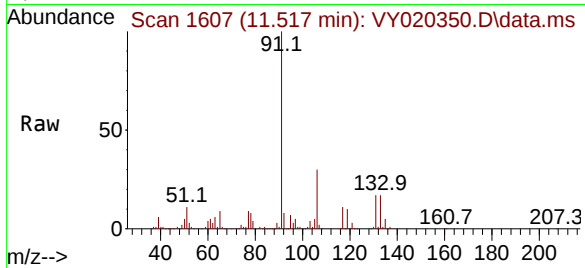




#67  
Ethyl Benzene  
Concen: 19.914 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

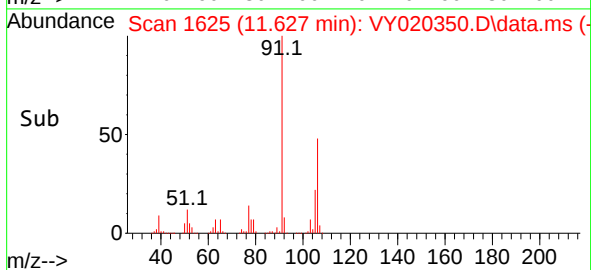
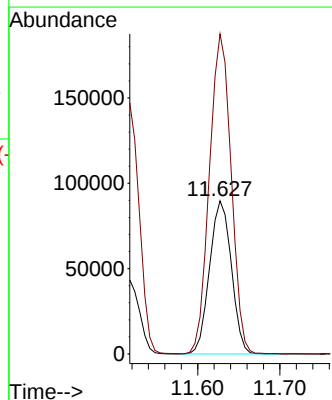
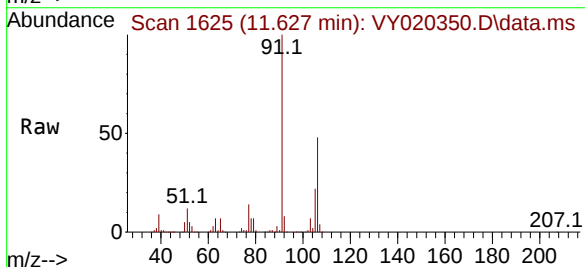
Instrument :  
MSVOA\_Y  
ClientSampleId :

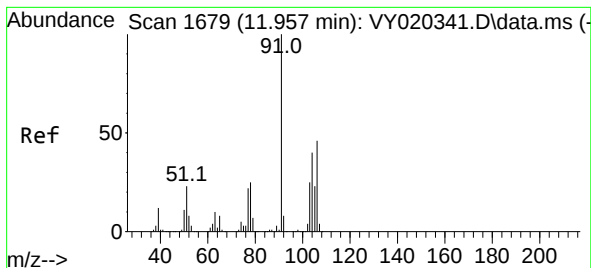
Tgt Ion: 91 Resp: 224615  
Ion Ratio Lower Upper  
91 100  
106 29.5 23.9 35.9



#68  
m/p-Xylenes  
Concen: 40.656 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion:106 Resp: 165182  
Ion Ratio Lower Upper  
106 100  
91 208.8 166.0 249.0

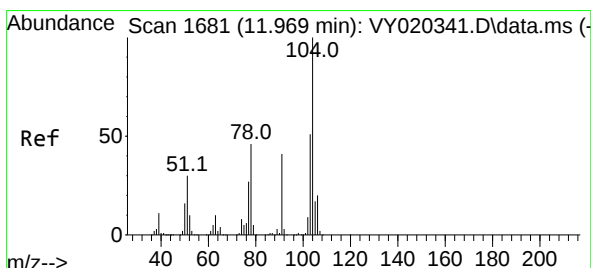
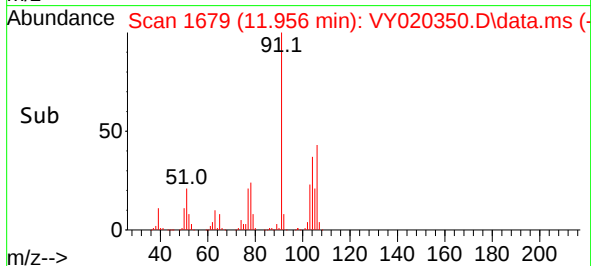
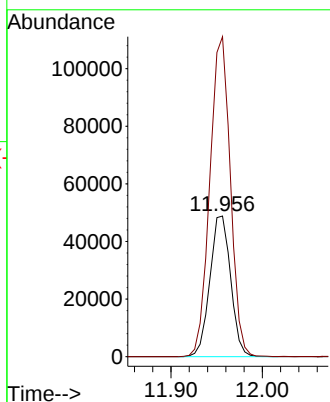
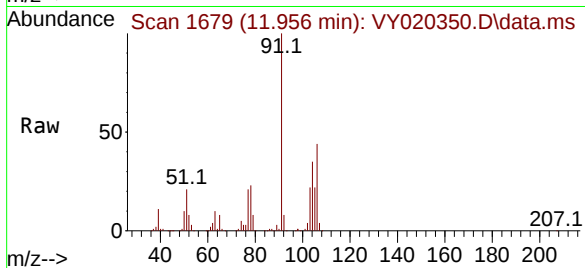




#69  
o-Xylene  
Concen: 20.003 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

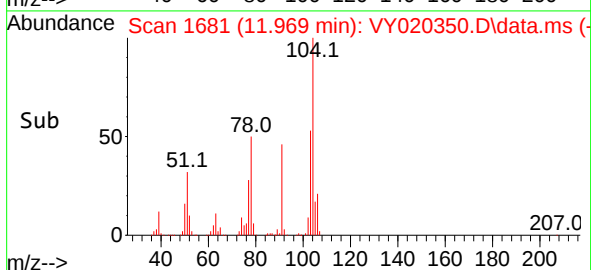
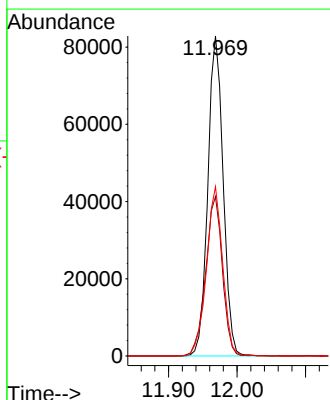
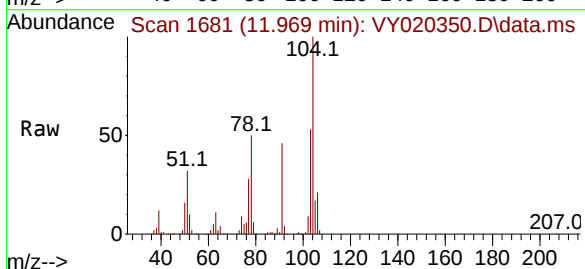
Instrument :  
MSVOA\_Y  
ClientSampleId :

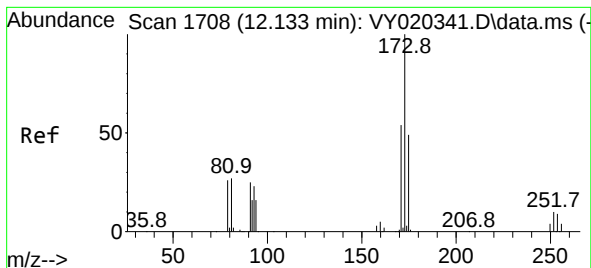
Tgt Ion:106 Resp: 77083  
Ion Ratio Lower Upper  
106 100  
91 224.9 110.0 330.0



#70  
Styrene  
Concen: 20.147 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion:104 Resp: 128989  
Ion Ratio Lower Upper  
104 100  
78 54.4 41.4 62.2  
103 55.9 44.2 66.4





#71

Bromoform

Concen: 20.660 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

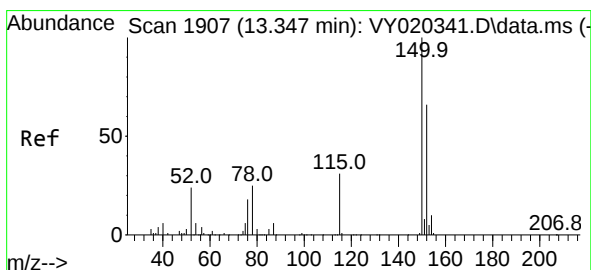
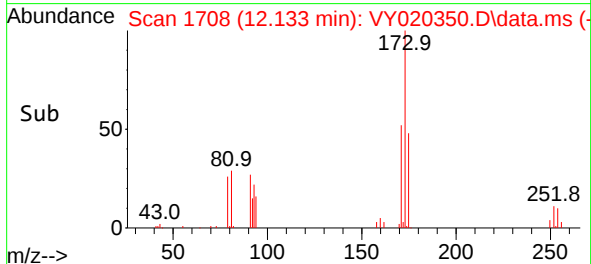
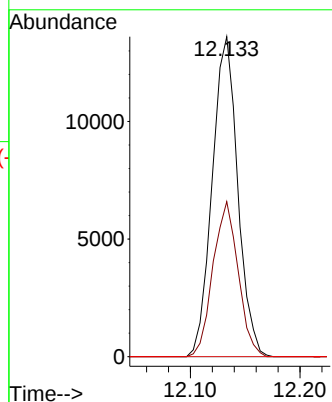
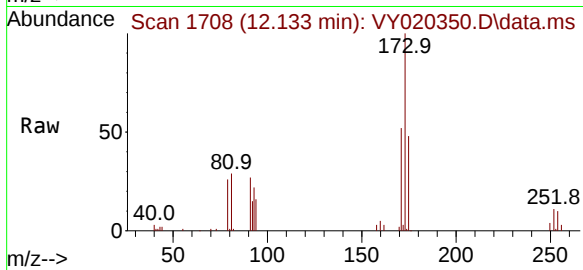
Tgt Ion:173 Resp: 21992

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

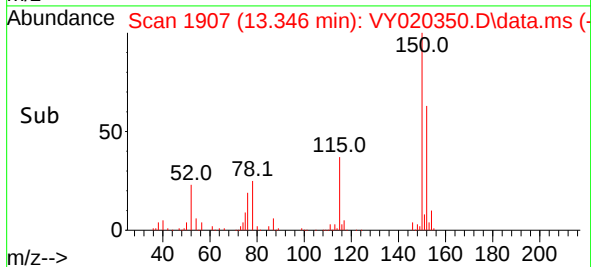
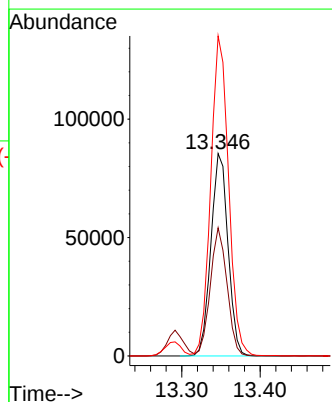
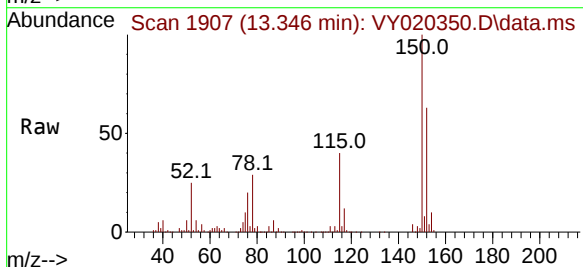
Tgt Ion:152 Resp: 129733

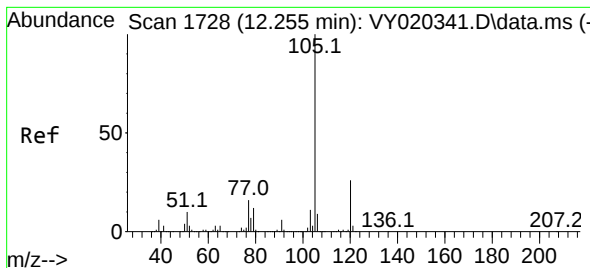
Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

150 164.8 0.0 348.2





#73

Isopropylbenzene

Concen: 19.130 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

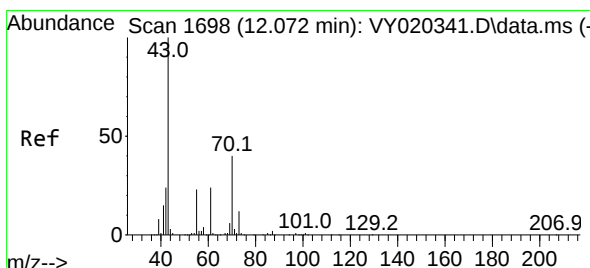
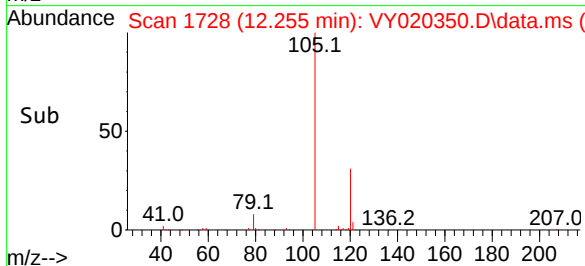
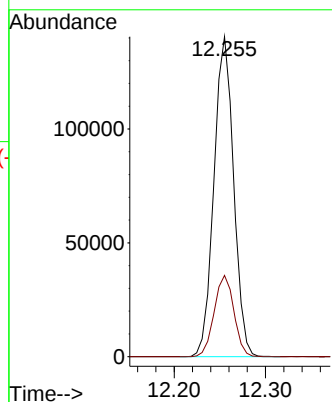
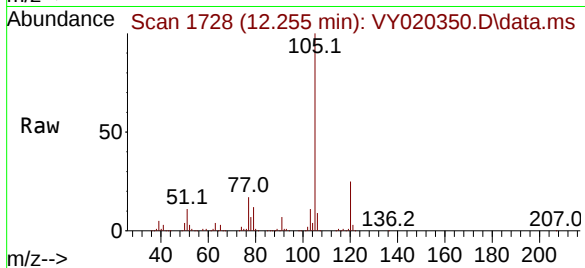
ClientSampleId :

Tgt Ion:105 Resp: 210238

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



#74

N-ethyl acetate

Concen: 19.290 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Tgt Ion: 43 Resp: 51230

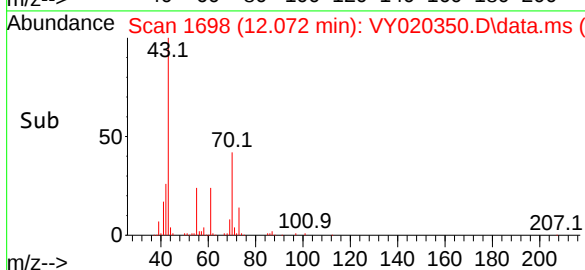
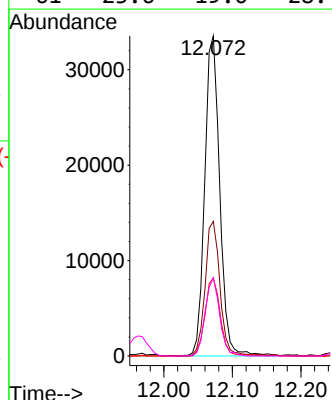
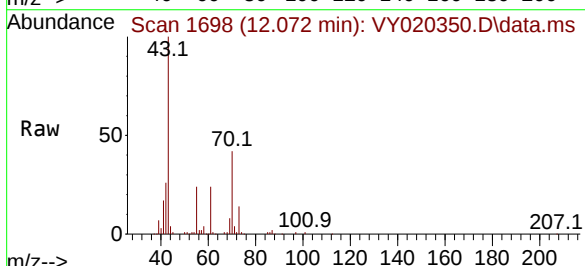
Ion Ratio Lower Upper

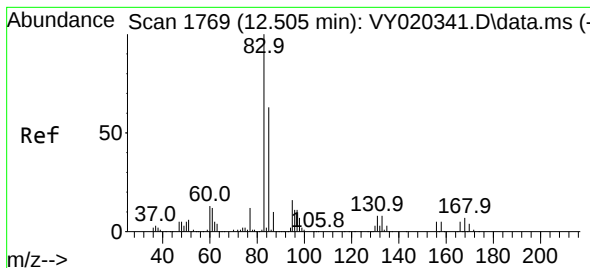
43 100

70 41.3 32.9 49.3

55 24.7 19.3 28.9

61 23.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.616 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY020350.D

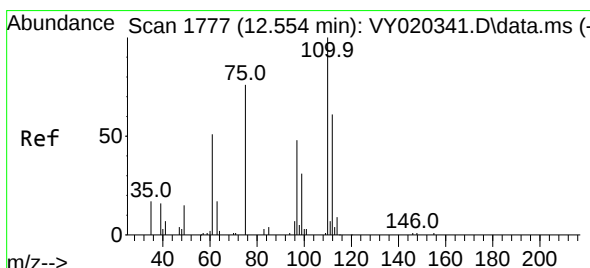
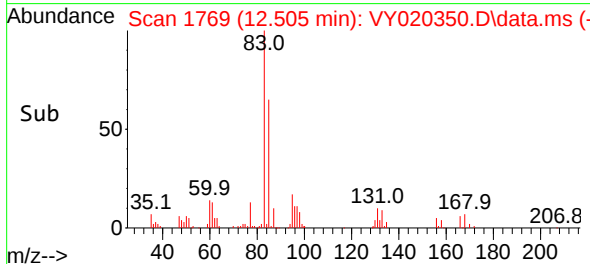
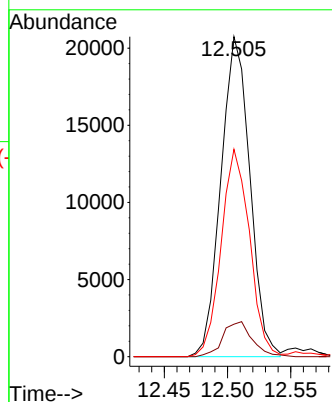
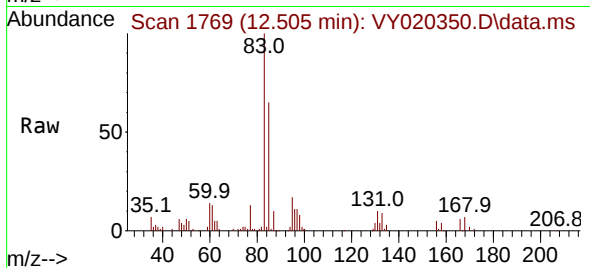
Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 33065 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.1  | 4.8   | 14.4  |
| 85       | 63.7  | 32.0  | 96.0  |



#76

1,2,3-Trichloropropane

Concen: 37.200 ug/l

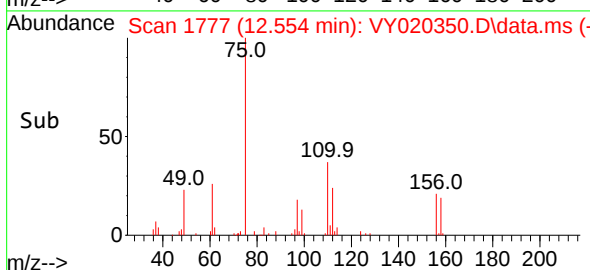
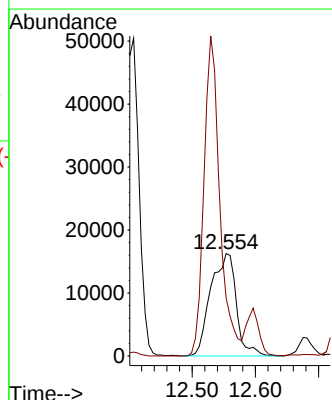
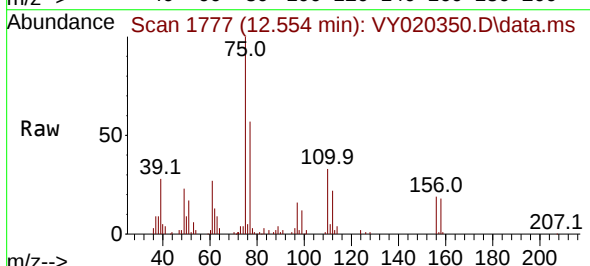
RT: 12.554 min Scan# 1777

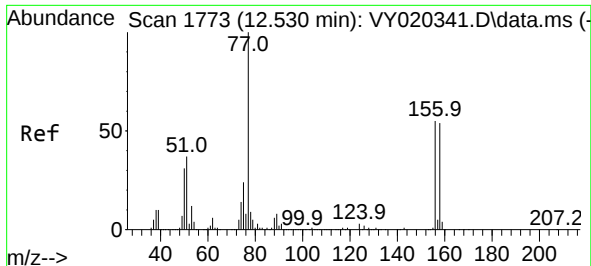
Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 45487 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |

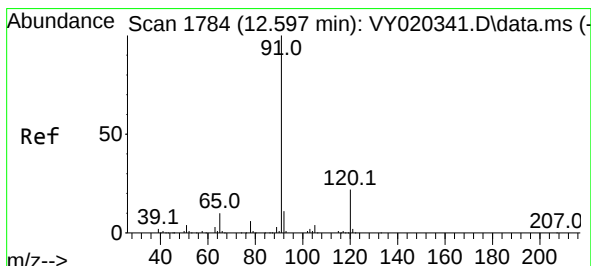
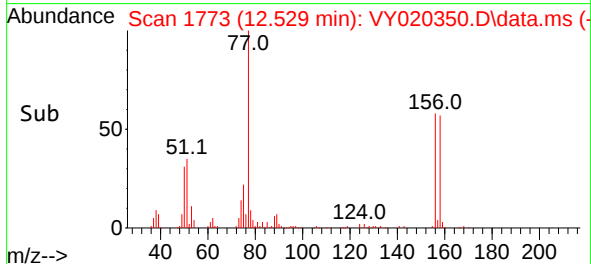
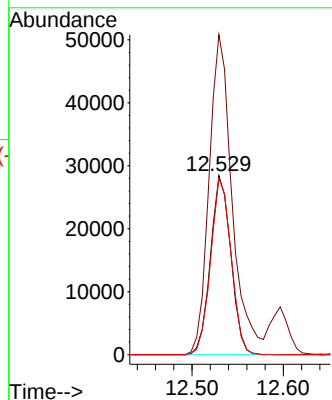
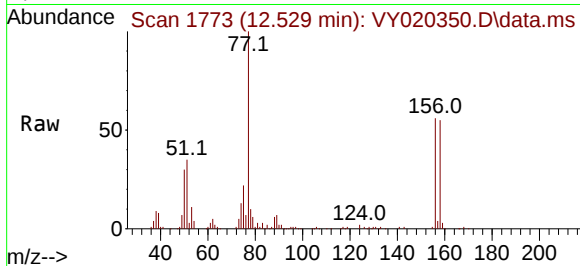




#77  
Bromobenzene  
Concen: 19.187 ug/l  
RT: 12.529 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

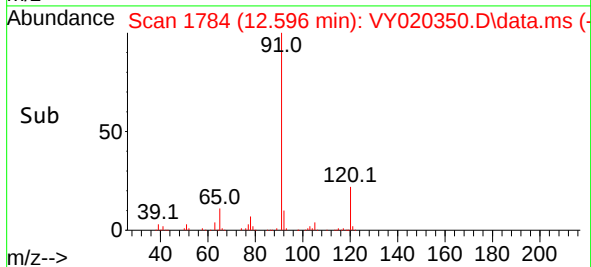
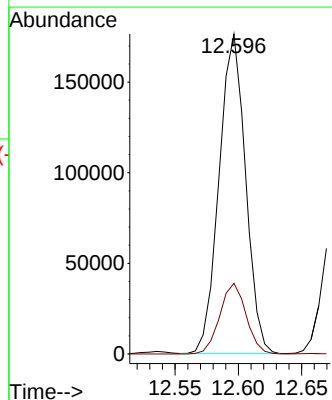
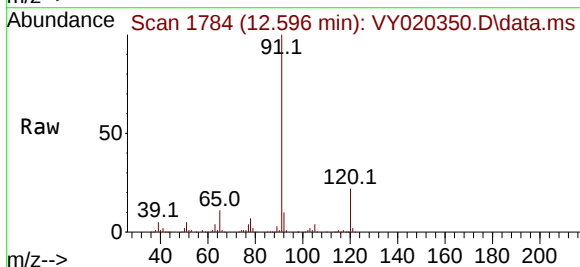
Instrument :  
MSVOA\_Y  
ClientSampleId :

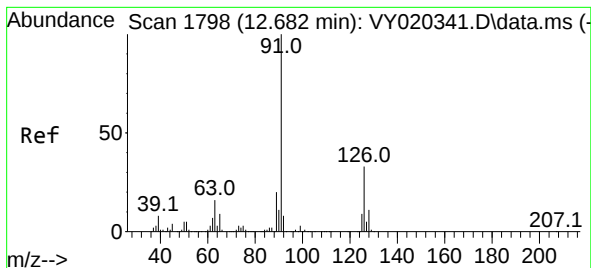
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 201.9 | 97.2  | 291.6 |
| 158     | 98.5  | 47.8  | 143.4 |



#78  
n-propylbenzene  
Concen: 19.440 ug/l  
RT: 12.596 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.9  | 10.9  | 32.6  |

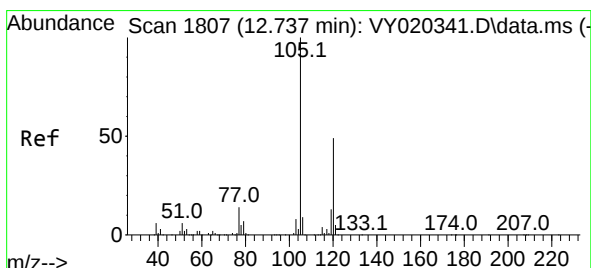
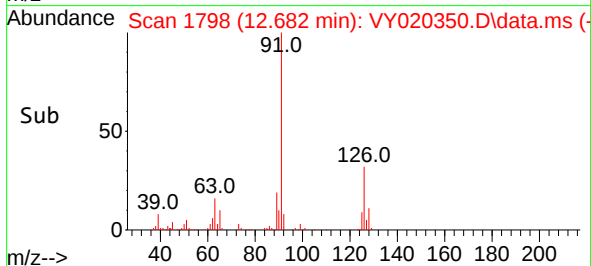
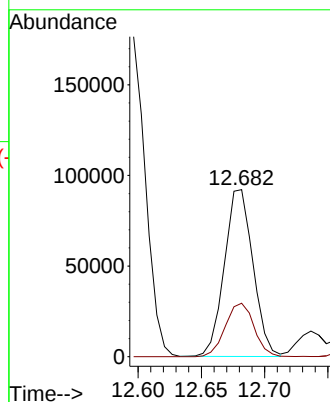
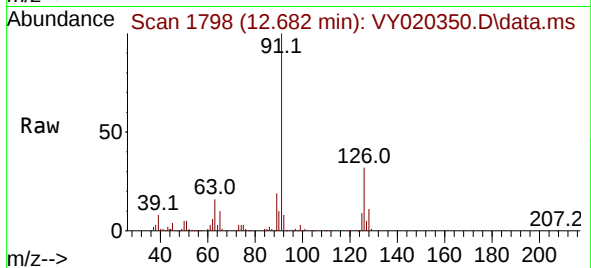




#79  
2-Chlorotoluene  
Concen: 19.161 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

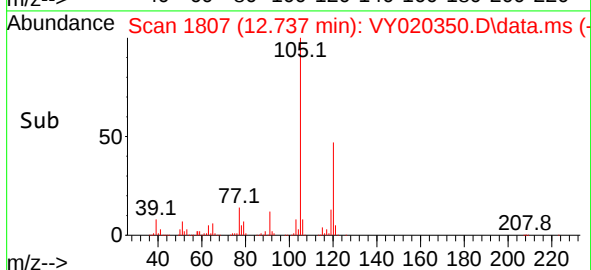
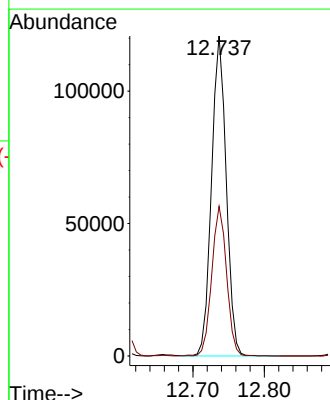
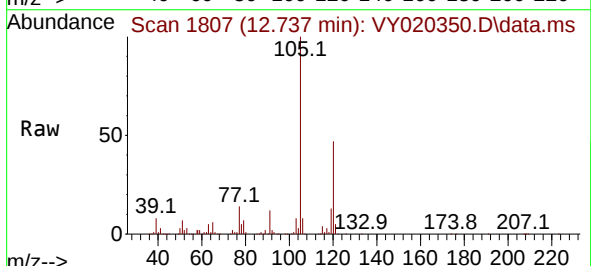
Instrument :  
MSVOA\_Y  
ClientSampleId :

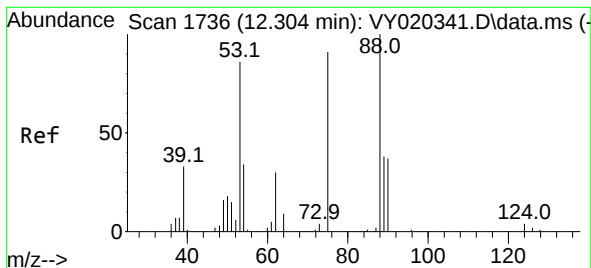
Tgt Ion: 91 Resp: 145308  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 19.410 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 105 Resp: 172392  
Ion Ratio Lower Upper  
105 100  
120 47.1 24.3 72.8

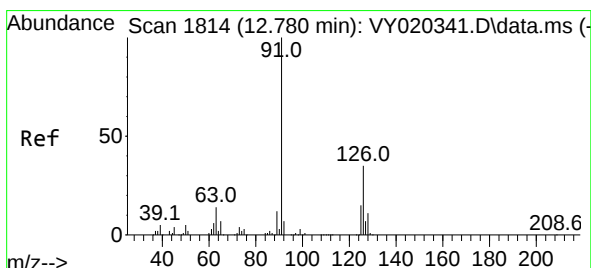
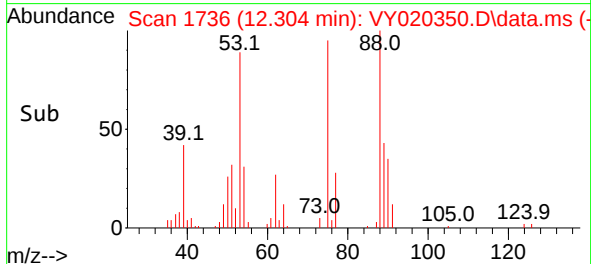
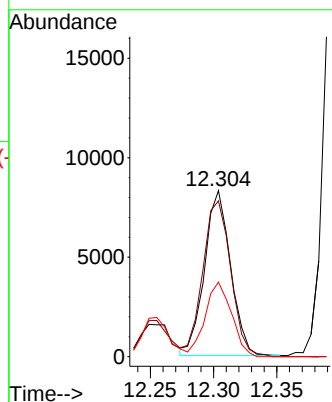
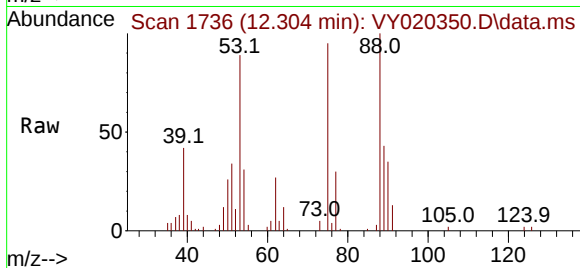




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.034 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

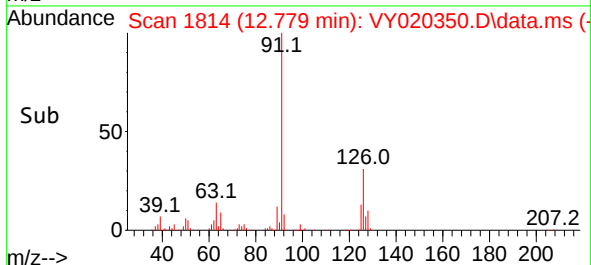
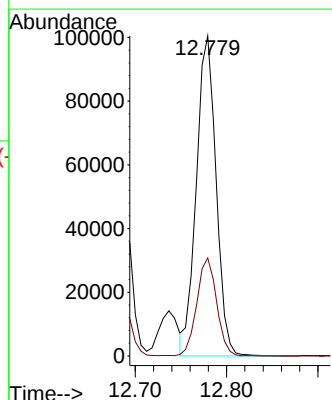
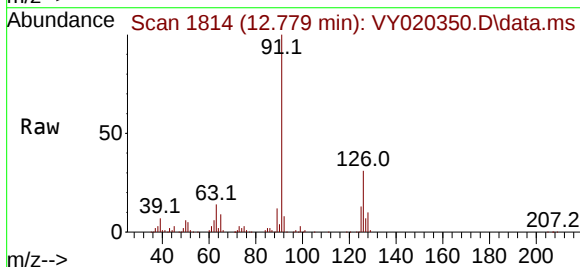
Instrument :  
MSVOA\_Y  
ClientSampleId :

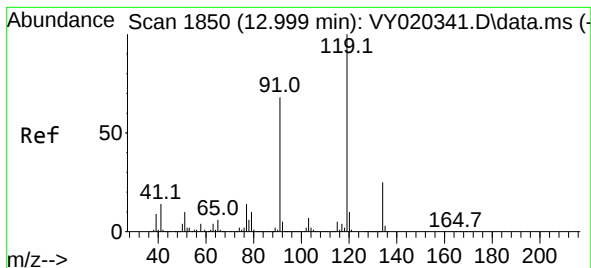
Tgt Ion: 75 Resp: 11878  
Ion Ratio Lower Upper  
75 100  
53 101.9 81.1 121.7  
89 45.6 35.1 52.7



#82  
4-Chlorotoluene  
Concen: 19.274 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 91 Resp: 150847  
Ion Ratio Lower Upper  
91 100  
126 30.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 19.435 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

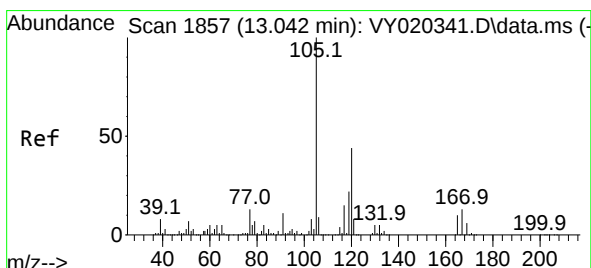
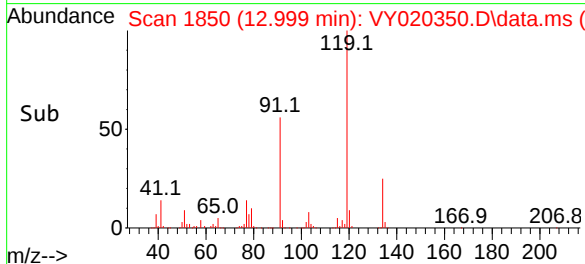
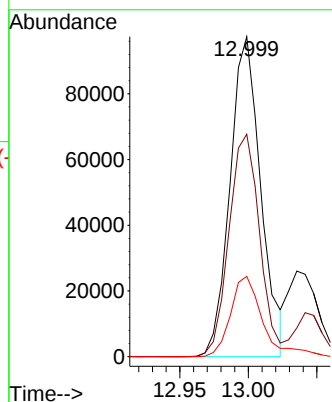
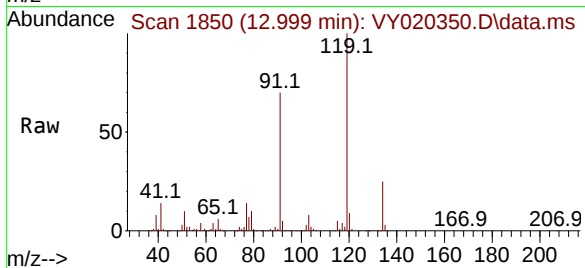
Tgt Ion:119 Resp: 152332

Ion Ratio Lower Upper

119 100

91 69.0 33.3 99.9

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.574 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY020350.D

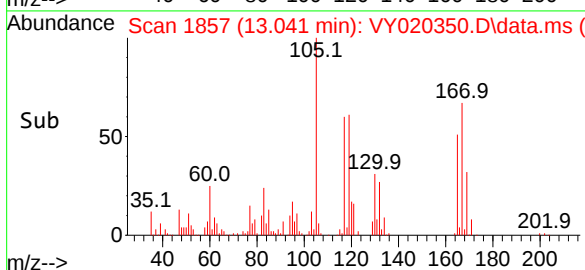
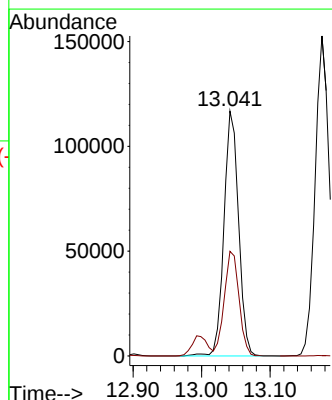
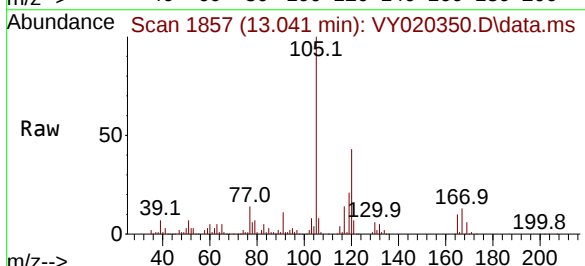
Acq: 20 Nov 2024 11:16

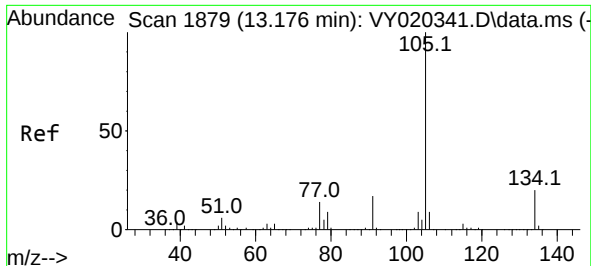
Tgt Ion:105 Resp: 172357

Ion Ratio Lower Upper

105 100

120 43.1 22.0 66.0

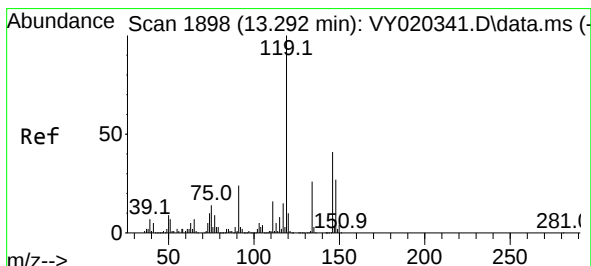
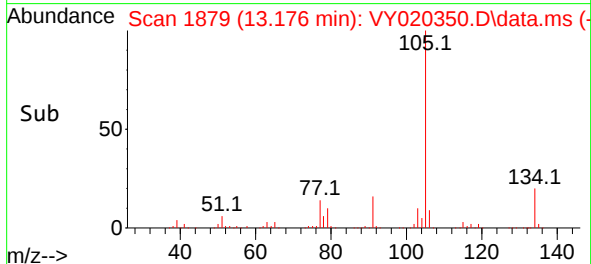
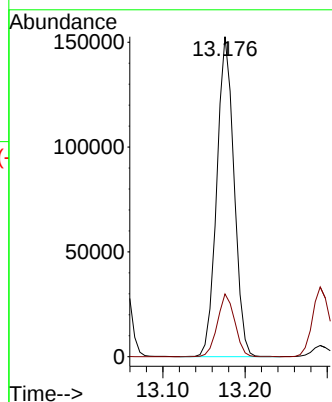
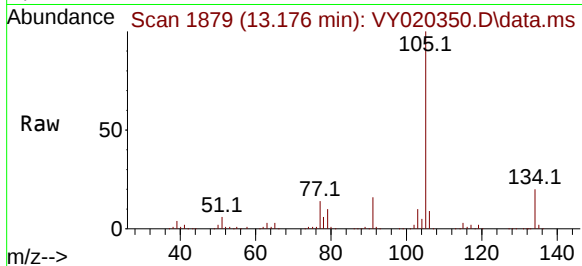




#85  
 sec-Butylbenzene  
 Concen: 17.987 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. -0.000 min  
 Lab File: VY020350.D  
 Acq: 20 Nov 2024 11:16

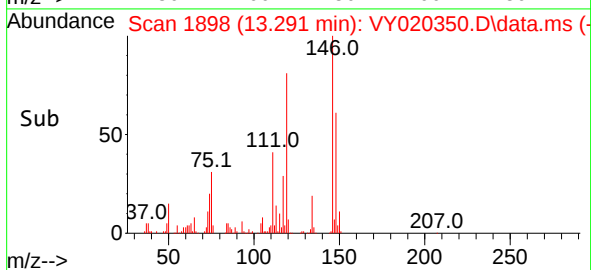
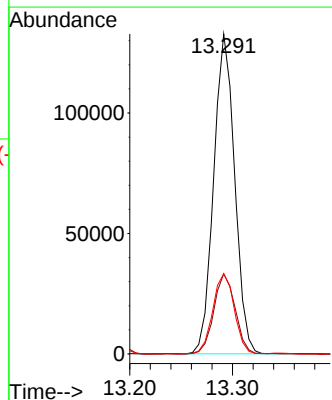
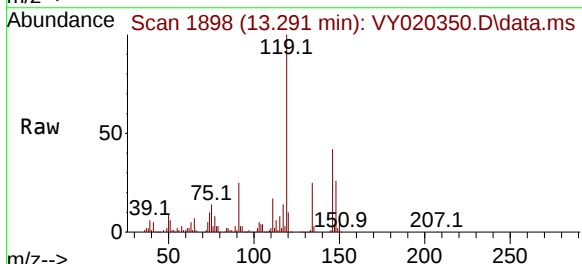
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

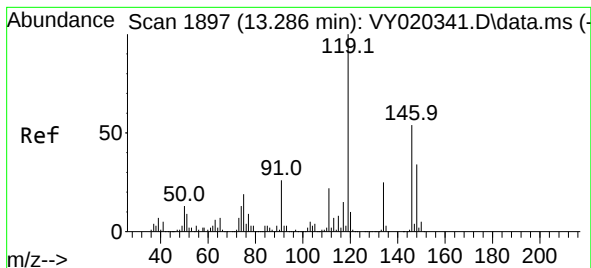
Tgt Ion:105 Resp: 222259  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 19.664 ug/l  
 RT: 13.291 min Scan# 1898  
 Delta R.T. -0.000 min  
 Lab File: VY020350.D  
 Acq: 20 Nov 2024 11:16

Tgt Ion:119 Resp: 187870  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.8 38.4  
 91 25.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 18.777 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

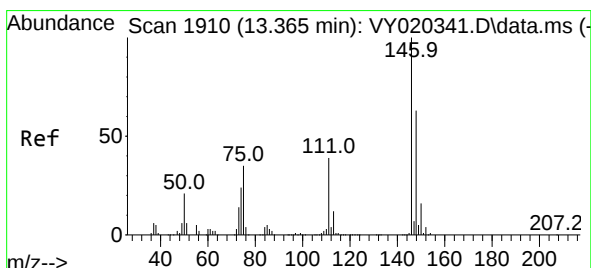
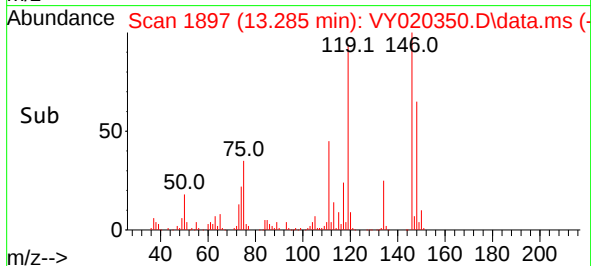
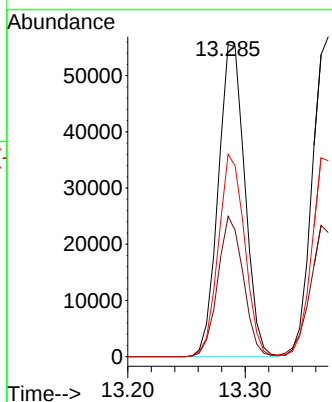
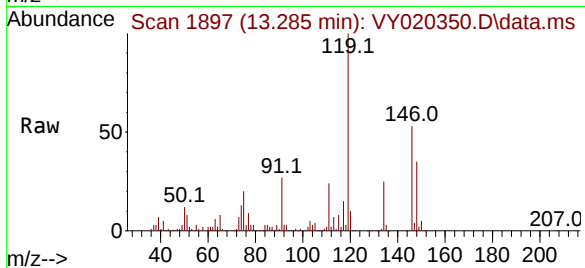
Tgt Ion:146 Resp: 87420

Ion Ratio Lower Upper

146 100

111 43.1 20.5 61.6

148 64.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 19.438 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

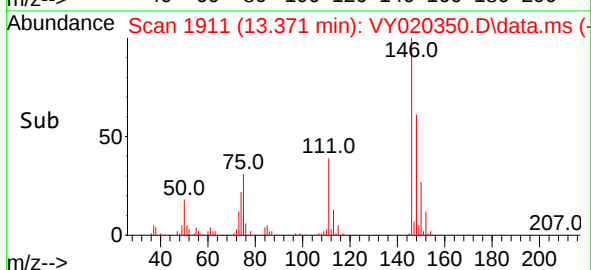
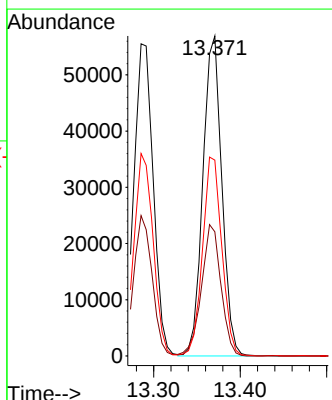
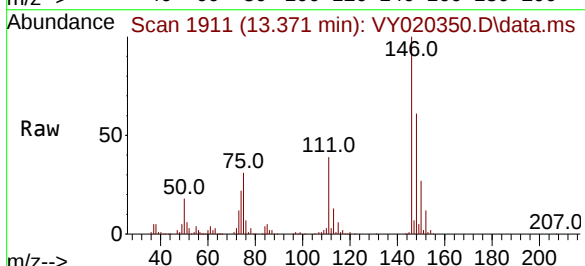
Tgt Ion:146 Resp: 86465

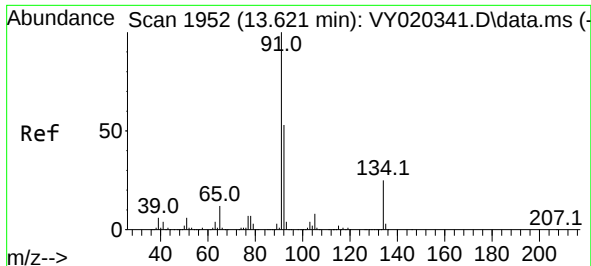
Ion Ratio Lower Upper

146 100

111 42.4 19.9 59.6

148 63.3 32.0 96.2

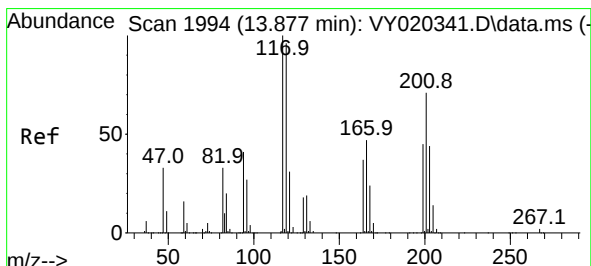
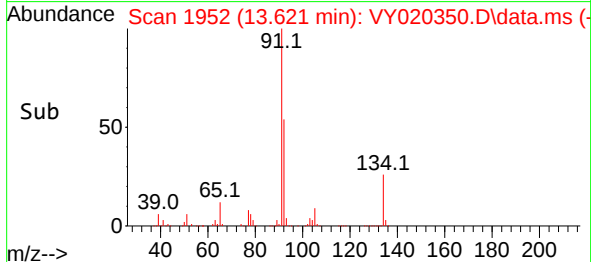
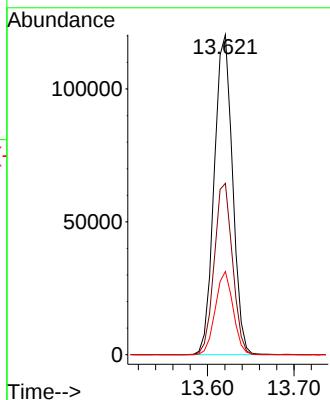
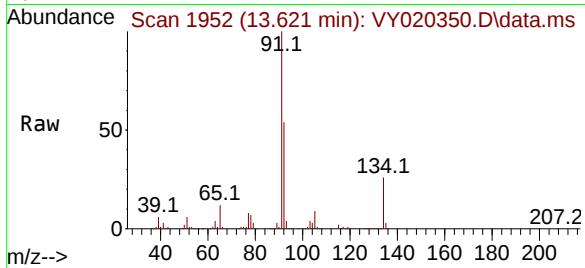




#89  
n-Butylbenzene  
Concen: 19.348 ug/l  
RT: 13.621 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

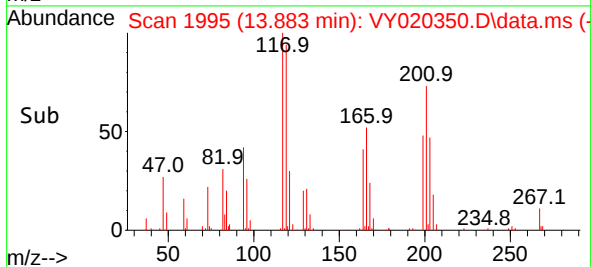
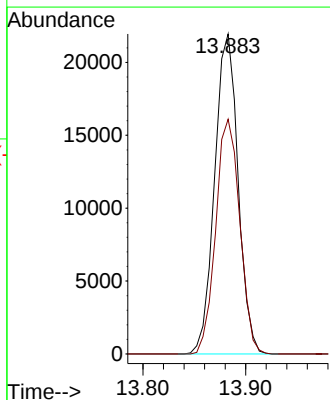
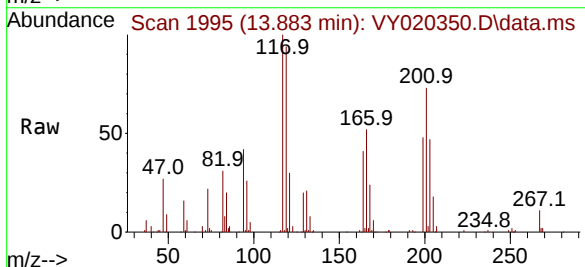
Instrument :  
MSVOA\_Y  
ClientSampleId :

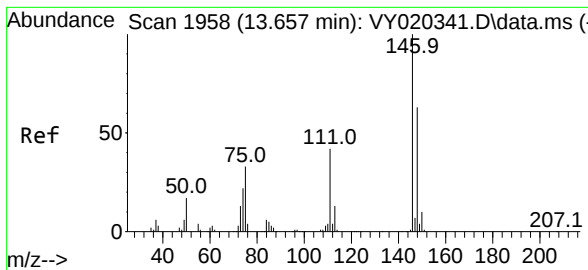
Tgt Ion: 91 Resp: 177016  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.5 79.5  
134 25.3 12.2 36.4



#90  
Hexachloroethane  
Concen: 18.805 ug/l  
RT: 13.883 min Scan# 1995  
Delta R.T. 0.006 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 117 Resp: 34676  
Ion Ratio Lower Upper  
117 100  
201 75.3 37.1 111.3

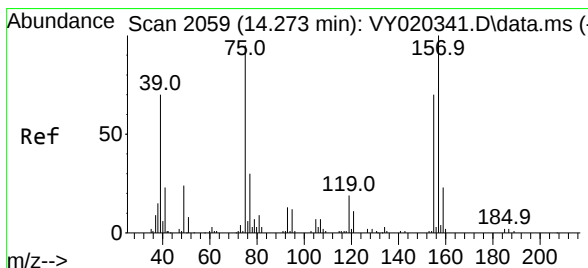
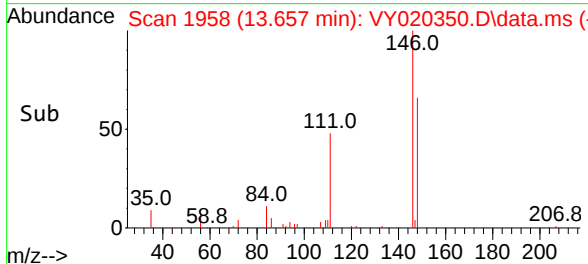
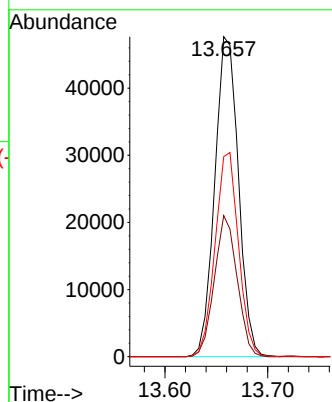
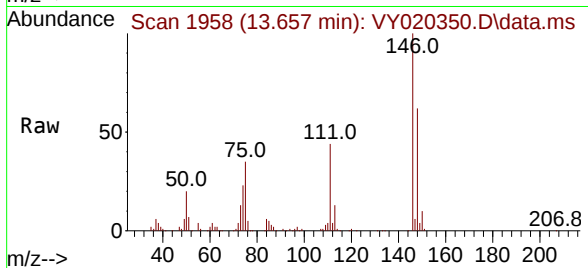




#91  
1,2-Dichlorobenzene  
Concen: 19.649 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

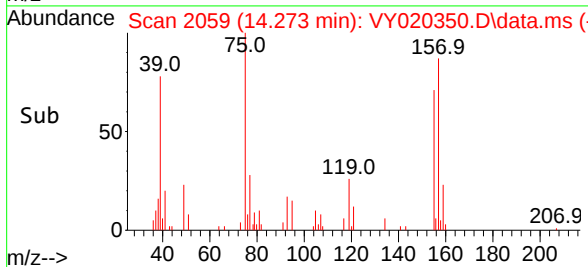
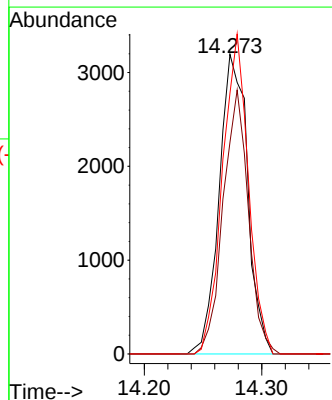
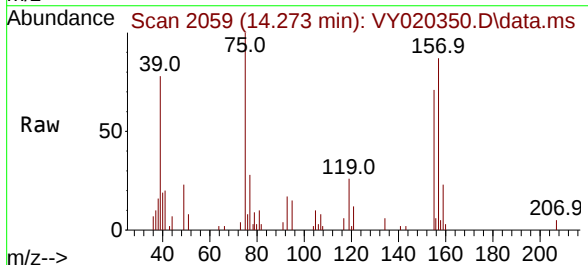
Instrument :  
MSVOA\_Y  
ClientSampleId :

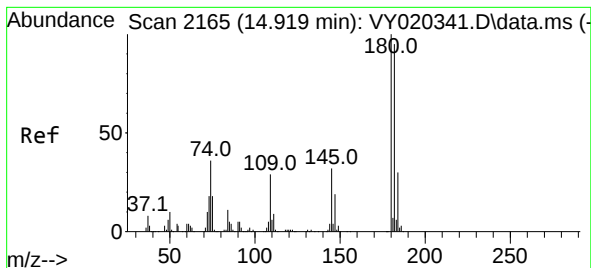
Tgt Ion:146 Resp: 76216  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.8 62.5  
148 63.1 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.397 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: VY020350.D  
Acq: 20 Nov 2024 11:16

Tgt Ion: 75 Resp: 5362  
Ion Ratio Lower Upper  
75 100  
155 78.4 39.7 119.1  
157 97.4 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 19.862 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

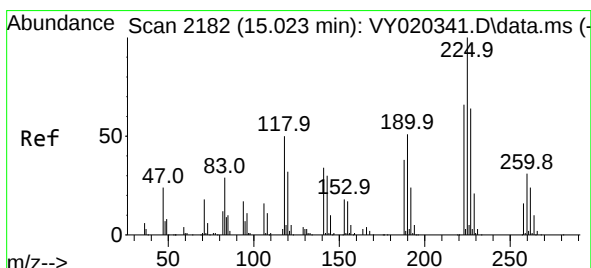
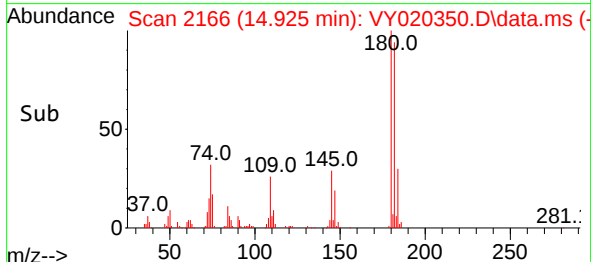
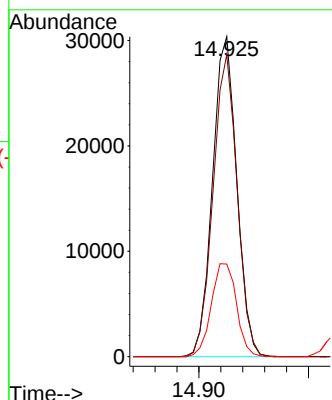
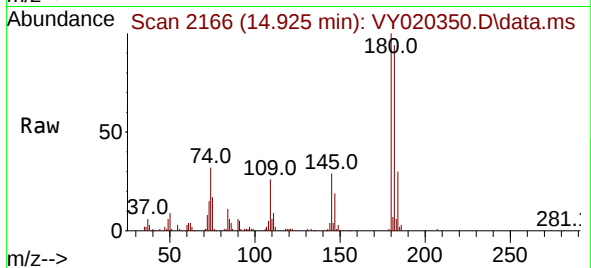
Tgt Ion:180 Resp: 46584

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.8

145 30.2 15.8 47.3



#94

Hexachlorobutadiene

Concen: 20.691 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

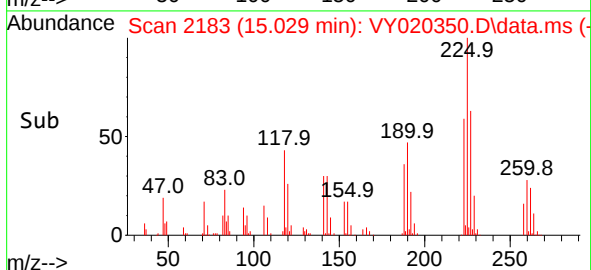
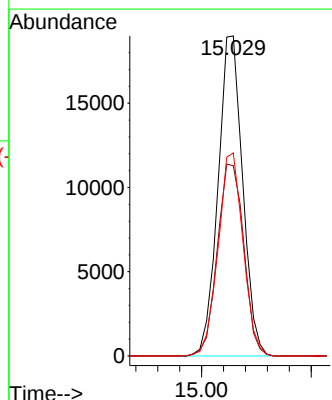
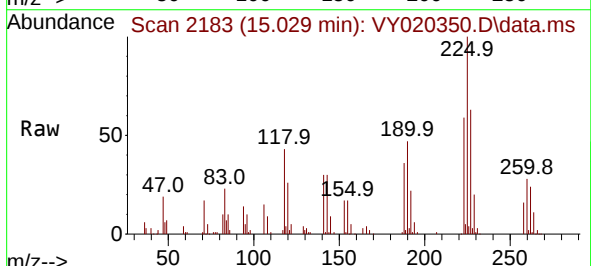
Tgt Ion:225 Resp: 29622

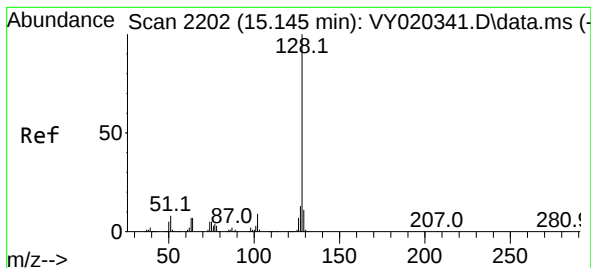
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.5

227 64.3 32.3 96.8





#95

Naphthalene

Concen: 20.073 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Instrument :

MSVOA\_Y

ClientSampleId :

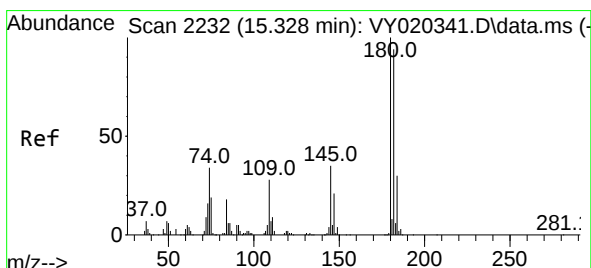
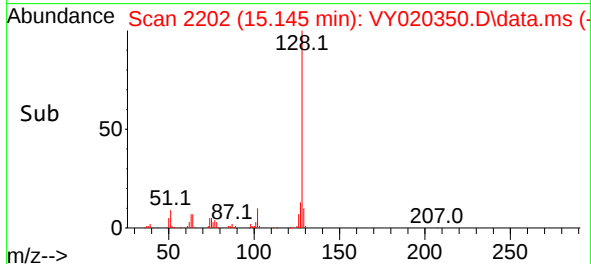
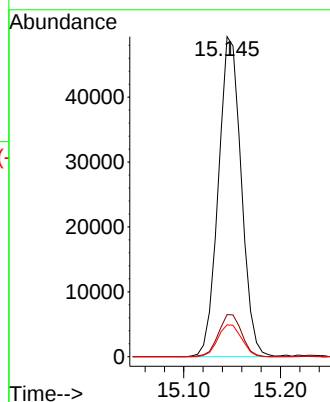
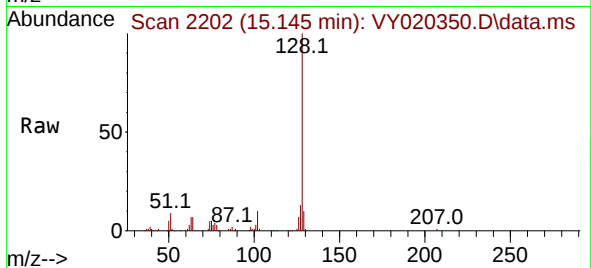
Tgt Ion:128 Resp: 81079

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.483 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020350.D

Acq: 20 Nov 2024 11:16

Tgt Ion:180 Resp: 39070

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 33.1 16.9 50.6

